

DATACOM



DmOS MIB Reference

Version 9.4.2

Contacts

Technical Support

Datacom has available a support portal - DmSupport, to help the customers in use and config of our equipment.

Access to the DmSupport can be made through link: <https://supportcenter.datacom.com.br>

In this site the following are available: firmwares, technical datasheets, config guide, MIBs and manuals for download. In addition, it allows opening of calls for assistance with our technical team.

Telephone Number: **+55 51 3933-3122**

We would like to highlight that our assistance through telephone support is available from Monday through Friday from 08:00 AM through 05:30 PM.

Important: For support assistance 24x7, please request a quotation to our sales department.

General Information

For any other additional information, please visit the <https://www.datacom.com.br/en> or call:

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Table of Contents

Contacts	2
1 DATACOM-GENERIC-DEVICE-TRAPS-MIB	18
1.1 genDvTrapsInfMibVersion	27
1.1.1 genDvTrapsInfLastTrDevNo	27
1.1.2 genDvTrapsInfLastTrDevLocalId	27
1.1.3 genDvTrapsInfLastTrSlotNo	27
1.1.4 genDvTrapsInfLastTrPortNo	28
1.1.5 genDvTrapsInfLastTrValue	28
1.1.6 genDvTrapsInfLastTrType	28
1.1.7 genDvTrapsInfLastTrTimeStamp	28
1.1.8 genDvTrapsInfLastTrDeviceProduct	28
1.1.9 genDvTrapsInfLastTrAlarmId	29
1.1.10 genDvTrapsInfLastTrAlarmVal	29
1.1.11 genDvTrapsInfLastTrUserName	29
1.1.12 genDvTrapsInfLastTrAlarmSeverityVal	29
1.1.13 genDvTrapsInfLastTrChannel	30
1.1.14 genDvTrapLicenseSN	30
1.1.15 genDvTrapLicenseExpire	30
1.1.16 genDvTrapsInfLastTrValueVlan	30
1.1.17 genDvTrapsInfLastTrStringMac	31
1.1.18 genDvTrapsInfTable	31
2 DATACOM-GPON-TRAPS-MIB	33
2.1 dmAdGponTrapsInfLastTrapOnuId	33
2.2 dmAdGponTrapsInfLastTrapSwdlInfo	33
2.3 dmAdGponTrapsInfLastTrapOnuSN	33
2.4 gPonLOSiAlarm	34
2.5 gPonLOFiAlarm	34
2.6 gPonDOWiAlarm	34
2.7 gPonSFiAlarm	34
2.8 gPonSDiAlarm	34
2.9 gPonLCDGiAlarm	34
2.10 gPonRDiAlarm	35
2.11 gPonTFAlarm	35
2.12 gPonSUFiAlarm	35
2.13 gPonDFiAlarm	35
2.14 gPonLOAiAlarm	35

2.15 gPonDGiAlarm	35
2.16 gPonLOAMiAlarm	36
2.17 gPonMISiAlarm	36
2.18 gPonPEEiAlarm	36
2.19 gPonOnuEquipmentFailureAlarm	36
2.20 gPonOnuPowerFailureAlarm	36
2.21 gPonOnuBatteryMissingAlarm	36
2.22 gPonOnuBatteryFailureAlarm	37
2.23 gPonOnuBatteryLowAlarm	37
2.24 gPonOnuPhysicalIntrusionAlarm	37
2.25 gPonOnuSelfTestFailureAlarm	37
2.26 gPonOnuVoltageRedAlarm	37
2.27 gPonOnuDiscoveredEvent	37
2.28 gPonOnuPasswordMismatchAlarm	38
2.29 gPonOnuSwdlInProgressEvent	38
2.30 gPonLOBiAlarm	38
2.31 gPonLOPCiAlarm	38
2.32 gPonLOOCiAlarm	38
3 DATACOM-SMI	39
4 DMOS-AUTHENTICATION-NOTIFICATIONS-MIB	40
4.1 loginFail	40
4.2 loginSuccess	40
5 DMOS-BGP4-MIB	41
5.1 bgpPrefixCountersTable	41
5.1.1 bgpPrefixCountersRemoteAddressType	41
5.1.2 bgpPrefixCountersRemoteAddress	41
5.1.3 bgpPrefixCountersFamilyAfi	41
5.1.4 bgpPrefixCountersFamilySafi	42
5.1.5 bgpPrefixCountersInPrefixes	42
5.1.6 bgpPrefixCountersInAcceptedPrefixes	42
5.1.7 bgpPrefixCountersInRejectedPrefixes	42
5.1.8 bgpPrefixCountersOutPrefixes	43
5.1.9 bgpPrefixCountersOutAdvertisedPrefixes	43
5.1.10 bgpPrefixCountersInActivePrefixes	43
5.1.11 bgpPrefixCountersInPrefixesDeniedByPol	43
6 DMOS-CARDMGR-NOTIFICATIONS-MIB	44

6.1 dmosCardmgrAlarmTrapsGroup	44
6.2 cardNotProvisionedAlarmTrap	44
6.3 cardNotPresentAlarmTrap	44
6.4 cardRemovedAlarmTrap	44
6.5 cardMismatchAlarmTrap	44
6.6 cardInsertedTrap	45
6.7 cardRemovedTrap	45
6.8 fanModuleNotPresentAlarmTrap	45
6.9 cardUpdatedTrap	45
6.10 psuUnsupportedAlarmTrap	45
6.11 cardUninitializedAlarmTrap	45
7 DMOS-CFM-MIB	46
7.1 cfmDelayMeasurementProbeTable	46
7.1.1 cfmDelayMeasurementProbeId	46
7.2 cfmDelayMeasurementProbeSessionTable	46
7.2.1 cfmDelayMeasurementProbeSessionId	46
7.2.2 cfmDelayMeasurementProbeSessionPcp	47
7.2.3 cfmDelayMeasurementProbeSessionLastAvgDelay	47
7.2.4 cfmDelayMeasurementProbeSessionLastMinDelay	47
7.2.5 cfmDelayMeasurementProbeSessionLastMaxDelay	47
7.2.6 cfmDelayMeasurementProbeSessionLastAvgJitter	47
7.2.7 cfmDelayMeasurementProbeSessionLastMinJitter	48
7.2.8 cfmDelayMeasurementProbeSessionLastMaxJitter	48
7.2.9 cfmDelayMeasurementProbeSessionLastLossRatio	48
7.2.10 cfmDelayMeasurementProbeSessionLastPcpMismatchRatio	48
7.2.11 cfmDelayMeasurementProbeSessionAllAvgDelay	48
7.2.12 cfmDelayMeasurementProbeSessionAllMinDelay	49
7.2.13 cfmDelayMeasurementProbeSessionAllMaxDelay	49
7.2.14 cfmDelayMeasurementProbeSessionAllAvgJitter	49
7.2.15 cfmDelayMeasurementProbeSessionAllMinJitter	49
7.2.16 cfmDelayMeasurementProbeSessionAllMaxJitter	49
7.2.17 cfmDelayMeasurementProbeSessionAllLossRatio	50
7.2.18 cfmDelayMeasurementProbeSessionAllPcpMismatchRatio	50
8 DMOS-CONFIG-NOTIFICATIONS-MIB	51
8.1 configCommit	51
9 DMOS-CPU-NOTIFICATIONS-MIB	52
9.1 dmosCpuNotificationThreshold	52

9.2 dmosCpuNotificationInterval	52
9.3 dmosCpuNotificationValue	52
9.4 dmosCpuNotificationCoreId	53
9.5 dmosCpuAlarmInfoGroup	53
9.6 dmosCpuAlarmTrapsGroup	53
9.7 cpuLoadHighTrap	53
9.8 cpuCoreHighTrap	53
10 DMOS-EAPS	54
10.1 eapsStateTable	54
10.1.1 eapsDomainID	54
10.1.2 eapsDomainName	54
10.1.3 eapsDomainState	55
10.1.4 eapsDomainMode	55
10.1.5 eapsDomainPrimaryPortState	55
10.1.6 eapsDomainSecondaryPortState	55
10.1.7 eapsDomainHealthCheckState	56
10.2 eapsConfigTable	56
10.2.1 eapsCfgDomainID	56
10.2.2 eapsCfgDomainPrimaryPort	56
10.2.3 eapsCfgDomainSecondaryPort	57
11 DMOS-ERPS-MIB	58
11.1 erpsStateTable	58
11.1.1 erpsRingId	58
11.1.2 erpsRingControlVlan	58
11.1.3 erpsRingName	59
11.1.4 erpsRingType	59
11.1.5 erpsRingParentRing	59
11.1.6 erpsRingState	59
11.1.7 erpsRingPort0	60
11.1.8 erpsRingPort0RplRole	60
11.1.9 erpsRingPort0LocalFailure	60
11.1.10 erpsRingPort0State	60
11.1.11 erpsRingPort1	61
11.1.12 erpsRingPort1RplRole	61
11.1.13 erpsRingPort1LocalFailure	61
11.1.14 erpsRingPort1State	61
12 DMOS-EXPERIMENTAL-NOTIFICATIONS-MIB	62

13 DMOS-EXPERIMENTAL-TEST-NOTIFICATIONS-MIB	63
13.1 testParamUint32	63
13.2 testParamInt32	63
13.3 testParamStr	64
13.4 testParamFloat	64
14 DMOS-GPON-NOTIFICATIONS-MIB	65
14.1 dmosGponAlarmTrapsGroup	65
14.2 gPonOnuAutoProvAddFailTrap	65
15 DMOS-HW-MONITOR-MIB	66
15.1 environmentChassisTable	66
15.1.1 environmentChassisId	66
15.2 environmentSlotTable	66
15.2.1 environmentSlotId	67
15.3 temperatureSensorTable	67
15.3.1 temperatureSensorId	67
15.3.2 temperatureSensorDescription	67
15.3.3 temperatureSensorMaxTemperature	67
15.3.4 temperatureSensorMinTemperature	68
15.3.5 temperatureSensorHysteresis	68
15.3.6 temperatureSensorCurrentTemperature	68
15.3.7 temperatureSensorTemperatureReadError	68
15.3.8 temperatureSensorTemperatureStatus	69
15.4 fanTable	69
15.4.1 fanId	69
15.4.2 fanDescription	69
15.4.3 fanSpeed	69
15.4.4 fanSpeedReadError	70
15.4.5 fanSpeedStatus	70
15.5 psuTable	70
15.5.1 psuld	70
15.5.2 psuStatus	71
16 DMOS-HW-MONITOR-NOTIFICATIONS-MIB	72
16.1 dmosHwMonValue	72
16.2 dmosHwMonLimitValue	72
16.3 dmosHwMonAlarmInfoGroup	72
16.4 dmosFanAlarmTrapsGroup	72
16.5 dmosTempAlarmTrapsGroup	73

16.6 dmosPsuAlarmTrapsGroup	73
16.7 fanHighAlarmTrap	73
16.8 fanLowAlarmTrap	73
16.9 fanFailAlarmTrap	73
16.10 fanErrorAlarmTrap	73
16.11 tempHighAlarmTrap	74
16.12 tempLowAlarmTrap	74
16.13 tempErrorAlarmTrap	74
16.14 tempCriticalAlarmTrap	74
16.15 psuPowerInputFailureAlarmTrap	74
16.16 psuFuseFailureAlarmTrap	74
16.17 psuErrorAlarmTrap	75
17 DMOS-INVENTORY-MIB	76
17.1 chassisTable	76
17.1.1 chassisChassisId	76
17.1.2 chassisProductName	76
17.1.3 chassisPartNumber	76
17.1.4 chassisSerialNumber	77
17.1.5 chassisVendor	77
17.1.6 chassisProductModel	77
17.1.7 chassisProductRevision	77
17.1.8 chassisPcbRevision	78
17.1.9 chassisHardwareVersion	78
17.1.10 chassisOperationTemperature	78
17.1.11 chassisSystemMacAddress	78
17.1.12 chassisFactoryStatus	78
17.1.13 chassisNumMaintenance	79
17.1.14 chassisItemsMaintenance	79
17.1.15 chassisDateLastMaintenance	79
17.1.16 chassisCardSpecific	79
17.1.17 chassisFirmwareRevision	80
17.1.18 chassisInventoryState	80
17.2 chassisSlotTable	80
17.2.1 chassisSlotSlotId	80
17.2.2 chassisSlotId	80
17.2.3 chassisSlotCardPartNumber	81
17.2.4 chassisSlotCardSerialNumber	81
17.2.5 chassisSlotCardVendor	81

17.2.6 chassisSlotCardProductModel	81
17.2.7 chassisSlotCardProductRevision	82
17.2.8 chassisSlotCardPcbRevision	82
17.2.9 chassisSlotCardHardwareVersion	82
17.2.10 chassisSlotCardOperationTemperature	82
17.2.11 chassisSlotCardSystemMacAddress	82
17.2.12 chassisSlotCardFactoryStatus	83
17.2.13 chassisSlotCardNumMaintenance	83
17.2.14 chassisSlotCardItemsMaintenance	83
17.2.15 chassisSlotCardDateLastMaintenance	83
17.2.16 chassisSlotCardCardSpecific	84
17.2.17 chassisSlotCardFirmwareRevision	84
17.2.18 chassisSlotCardInventoryState	84
17.3 transceiverInventoryTable	84
17.3.1 transceiverInventoryIfIndex	84
17.3.2 transceiverInventoryInfoType	85
17.3.3 transceiverInventoryInfoConnector	85
17.3.4 transceiverInventoryInfoEthernetStandards	85
17.3.5 transceiverInventoryInfoVendorName	85
17.3.6 transceiverInventoryInfoVendorSn	86
17.3.7 transceiverInventoryInfoVendorPn	86
17.3.8 transceiverInventoryInfoLaserWavelength	86
17.3.9 transceiverInventoryInfoDiagnostics	86
17.3.10 transceiverInventoryInfoTemperatureThresholdsAlarmLow	87
17.3.11 transceiverInventoryInfoTemperatureThresholdsAlarmHigh	87
17.3.12 transceiverInventoryInfoTemperatureThresholdsWarningLow	87
17.3.13 transceiverInventoryInfoTemperatureThresholdsWarningHigh	87
17.3.14 transceiverInventoryInfoRxPowerThresholdsAlarmLow	88
17.3.15 transceiverInventoryInfoRxPowerThresholdsAlarmHigh	88
17.3.16 transceiverInventoryInfoRxPowerThresholdsWarningLow	88
17.3.17 transceiverInventoryInfoRxPowerThresholdsWarningHigh	88
17.3.18 transceiverInventoryInfoTxPowerThresholdsAlarmLow	88
17.3.19 transceiverInventoryInfoTxPowerThresholdsAlarmHigh	89
17.3.20 transceiverInventoryInfoTxPowerThresholdsWarningLow	89
17.3.21 transceiverInventoryInfoTxPowerThresholdsWarningHigh	89
17.3.22 transceiverInventoryInfoVcc3v3ThresholdsAlarmLow	89
17.3.23 transceiverInventoryInfoVcc3v3ThresholdsAlarmHigh	90
17.3.24 transceiverInventoryInfoVcc3v3ThresholdsWarningLow	90
17.3.25 transceiverInventoryInfoVcc3v3ThresholdsWarningHigh	90

17.3.26 transceiverInventoryInfoTxBiasThresholdsAlarmLow	90
17.3.27 transceiverInventoryInfoTxBiasThresholdsAlarmHigh	90
17.3.28 transceiverInventoryInfoTxBiasThresholdsWarningLow	91
17.3.29 transceiverInventoryInfoTxBiasThresholdsWarningHigh	91
17.3.30 transceiverInventoryInfoPhysicalMedia	91
17.3.31 transceiverInventoryInfoReadOk	91
17.3.32 transceiverInventoryInfoFiberType	92
18 DMOS-LBD-NOTIFICATIONS-MIB	93
18.1 dmosLbdAlarmTrapsGroup	93
18.2 loopbackDetectedAlarmTrap	93
19 DMOS-LFD-NOTIFICATIONS-MIB	94
19.1 dmosLfdAlarmTrapsGroup	94
19.2 linkFlapDetectedAlarmTrap	94
20 DMOS-MEM-NOTIFICATIONS-MIB	95
20.1 dmosMemNotificationThreshold	95
20.2 dmosMemNotificationInterval	95
20.3 dmosMemAlarmInfoGroup	95
20.4 dmosMemAlarmTrapsGroup	95
20.5 memAvailableLowTrap	96
21 DMOS-NOTIFICATIONS-MIB	97
21.1 notificationTime	97
21.2 notificationName	97
21.3 notificationSourceType	97
21.4 notificationSourceValue	98
21.5 notificationSeverity	98
21.6 notificationInfo	98
21.7 notificationAlarmState	98
21.8 infoNotificationGroup	98
21.9 alarmNotificationGroup	99
22 DMOS-ONU-COUNTING-MIB	100
22.1 ponIfGlobalTotalOnus	100
22.2 ponIfGlobalNonProvisionedOnus	100
22.3 ponIfGlobalUpOnus	100
22.4 ponIfGlobalDownOnus	101
22.5 ponIfTable	101
22.5.1 ponIfIndex	101

22.5.2 ponIfDescr	101
22.5.3 ponIfTotalOnus	102
22.5.4 ponIfNonProvisionedOnus	102
22.5.5 ponIfUpOnus	102
22.5.6 ponIfDownOnus	102
23 DMOS-POLICER-MIB	103
23.1 policerInstanceTable	103
23.1.1 policerInstanceInstanceld	103
23.1.2 policerInstanceProfile	103
23.1.3 policerInstanceMode	103
23.1.4 policerInstanceStage	104
23.1.5 policerInstanceCir	104
23.1.6 policerInstanceEir	104
23.1.7 policerInstancePir	104
23.1.8 policerInstanceForwarded	105
23.1.9 policerInstanceDropped	105
23.2 policerInstanceInterfaceTable	105
23.2.1 policerInstanceInterfaceIfIndex	105
23.2.2 policerInstanceInterfaceIfName	105
24 DMOS-REBOOT-MIB	107
24.1 rebootReason	107
25 DMOS-SYSMON-MIB	108
25.1 cpuChassisTable	108
25.1.1 cpuChassisId	108
25.2 cpuSlotTable	108
25.2.1 cpuSlotId	109
25.2.2 cpuLoadFiveSecondsActive	109
25.2.3 cpuLoadFiveSecondsIdle	109
25.2.4 cpuLoadOneMinuteActive	109
25.2.5 cpuLoadOneMinuteIdle	109
25.2.6 cpuLoadFiveMinutesActive	110
25.2.7 cpuLoadFiveMinutesIdle	110
25.3 cpuCoreTable	110
25.3.1 cpuCoreCoreId	110
25.3.2 cpuCoreFiveSecondsActive	111
25.3.3 cpuCoreFiveSecondsUser	111
25.3.4 cpuCoreFiveSecondsSystem	111

25.3.5 cpuCoreFiveSecondsNice	111
25.3.6 cpuCoreFiveSecondsIdle	111
25.3.7 cpuCoreFiveSecondsWait	112
25.3.8 cpuCoreFiveSecondsInterrupt	112
25.3.9 cpuCoreFiveSecondsSoftirq	112
25.3.10 cpuCoreOneMinuteActive	112
25.3.11 cpuCoreOneMinuteUser	113
25.3.12 cpuCoreOneMinuteSystem	113
25.3.13 cpuCoreOneMinuteNice	113
25.3.14 cpuCoreOneMinuteIdle	113
25.3.15 cpuCoreOneMinuteWait	113
25.3.16 cpuCoreOneMinuteInterrupt	114
25.3.17 cpuCoreOneMinuteSoftirq	114
25.3.18 cpuCoreFiveMinutesActive	114
25.3.19 cpuCoreFiveMinutesUser	114
25.3.20 cpuCoreFiveMinutesSystem	115
25.3.21 cpuCoreFiveMinutesNice	115
25.3.22 cpuCoreFiveMinutesIdle	115
25.3.23 cpuCoreFiveMinutesWait	115
25.3.24 cpuCoreFiveMinutesInterrupt	115
25.3.25 cpuCoreFiveMinutesSoftirq	116
25.4 memoryChassisTable	116
25.4.1 memoryChassisId	116
25.5 memorySlotTable	116
25.5.1 memorySlotId	117
25.5.2 memoryFiveSecondsTotal	117
25.5.3 memoryFiveSecondsUsed	117
25.5.4 memoryFiveSecondsFree	117
25.5.5 memoryFiveSecondsBuffered	117
25.5.6 memoryFiveSecondsCached	118
25.5.7 memoryFiveSecondsAvailable	118
25.5.8 memoryFiveSecondsSlabRecl	118
25.5.9 memoryFiveSecondsSlabUnrecl	118
25.5.10 memoryFiveMinutesTotal	119
25.5.11 memoryFiveMinutesUsed	119
25.5.12 memoryFiveMinutesFree	119
25.5.13 memoryFiveMinutesBuffered	119
25.5.14 memoryFiveMinutesCached	119
25.5.15 memoryFiveMinutesAvailable	120

25.5.16 memoryFiveMinutesSlabRecl	120
25.5.17 memoryFiveMinutesSlabUnrecl	120
25.5.18 memoryThirtyMinutesTotal	120
25.5.19 memoryThirtyMinutesUsed	121
25.5.20 memoryThirtyMinutesFree	121
25.5.21 memoryThirtyMinutesBuffered	121
25.5.22 memoryThirtyMinutesCached	121
25.5.23 memoryThirtyMinutesAvailable	121
25.5.24 memoryThirtyMinutesSlabRecl	122
25.5.25 memoryThirtyMinutesSlabUnrecl	122
25.5.26 memoryOneMinuteTotal	122
25.5.27 memoryOneMinuteUsed	122
25.5.28 memoryOneMinuteFree	123
25.5.29 memoryOneMinuteBuffered	123
25.5.30 memoryOneMinuteCached	123
25.5.31 memoryOneMinuteAvailable	123
25.5.32 memoryOneMinuteSlabRecl	123
25.5.33 memoryOneMinuteSlabUnrecl	124
25.5.34 memoryFiveSecondsTotalKB	124
25.5.35 memoryFiveSecondsUsedKB	124
25.5.36 memoryFiveSecondsFreeKB	124
25.5.37 memoryFiveSecondsBufferedKB	125
25.5.38 memoryFiveSecondsCachedKB	125
25.5.39 memoryFiveSecondsAvailableKB	125
25.5.40 memoryFiveSecondsSlabReclKB	125
25.5.41 memoryFiveSecondsSlabUnreclKB	125
25.5.42 memoryFiveMinutesTotalKB	126
25.5.43 memoryFiveMinutesUsedKB	126
25.5.44 memoryFiveMinutesFreeKB	126
25.5.45 memoryFiveMinutesBufferedKB	126
25.5.46 memoryFiveMinutesCachedKB	127
25.5.47 memoryFiveMinutesAvailableKB	127
25.5.48 memoryFiveMinutesSlabReclKB	127
25.5.49 memoryFiveMinutesSlabUnreclKB	127
25.5.50 memoryThirtyMinutesTotalKB	127
25.5.51 memoryThirtyMinutesUsedKB	128
25.5.52 memoryThirtyMinutesFreeKB	128
25.5.53 memoryThirtyMinutesBufferedKB	128
25.5.54 memoryThirtyMinutesCachedKB	128

25.5.55 memoryThirtyMinutesAvailableKB	129
25.5.56 memoryThirtyMinutesSlabReclKB	129
25.5.57 memoryThirtyMinutesSlabUnreclKB	129
25.5.58 memoryOneMinuteTotalKB	129
25.5.59 memoryOneMinuteUsedKB	129
25.5.60 memoryOneMinuteFreeKB	130
25.5.61 memoryOneMinuteBufferedKB	130
25.5.62 memoryOneMinuteCachedKB	130
25.5.63 memoryOneMinuteAvailableKB	130
25.5.64 memoryOneMinuteSlabReclKB	131
25.5.65 memoryOneMinuteSlabUnreclKB	131
26 DMOS-TC-MIB	132
27 DMOS-TRANSCEIVER-MIB	133
27.1 transceiverTable	133
27.1.1 temperature	133
27.1.2 voltage	133
27.1.3 laneCount	134
27.2 transceiverLaneTable	134
27.2.1 laneIndex	134
27.2.2 laneRxPower	134
27.2.3 laneTxPower	134
27.2.4 laneTxBias	135
28 DMOS-USER-DEFINED-COUNTERS	136
28.1 countersIngressTable	136
28.1.1 countersIngressId	136
28.1.2 countersIngressDescription	136
28.1.3 countersIngressValue	136
28.1.4 countersIngressType	137
28.2 countersEgressTable	137
28.2.1 countersEgressId	137
28.2.2 countersEgressDescription	137
28.2.3 countersEgressValue	138
28.2.4 countersEgressType	138
29 GPON-ONU-IF-MIB	139
29.1 onulfTable	139
29.1.1 onuifIndex	139

29.1.2 onuifDescr	139
29.1.3 onuifType	140
29.1.4 onuifName	141
29.1.5 onuifAdminStatus	141
29.1.6 onuifOperStatus	141
29.1.7 onulfStatisticsInOctets	142
29.1.8 onulfStatisticsInUcastPkts	142
29.1.9 onulfStatisticsInMulticastPkts	142
29.1.10 onulfStatisticsInBroadcastPkts	142
29.1.11 onulfStatisticsInDiscards	143
29.1.12 onulfStatisticsInErrors	143
29.1.13 onulfStatisticsInUnknownProtos	143
29.1.14 onulfStatisticsOutOctets	143
29.1.15 onulfStatisticsOutUcastPkts	143
29.1.16 onulfStatisticsOutMulticastPkts	144
29.1.17 onulfStatisticsOutBroadcastPkts	144
29.1.18 onulfStatisticsOutDiscards	144
29.1.19 onulfStatisticsOutErrors	144
29.1.20 onulfOnuPowerTx	145
29.1.21 onulfOnuPowerRx	145
29.1.22 onulfAlias	145
29.1.23 onulfStatisticsInBwUsage	145
29.1.24 onulfStatisticsOutBwUsage	145
29.1.25 onuSysUpTime	146
29.1.26 onuGemInOctets	146
29.1.27 onuGemInPackets	146
29.1.28 onuGemOutOctets	146
29.1.29 onuGemOutPackets	147

30 TWAMP-MIB 148

30.1 twampSessionTable	148
30.1.1 twampSessionId	148
30.1.2 twampSessionDuration	148
30.1.3 twampSessionInterval	149
30.1.4 twampSessionState	149
30.1.5 twampSessionSrcAddr	149
30.1.6 twampSessionDstAddr	149
30.1.7 twampSessionDstPort	150
30.1.8 twampSessionPktSize	150

30.1.9 twampSessionDSCP	150
30.1.10 twampSessionTotalTests	150
30.1.11 twampSessionTotalTxPkts	151
30.1.12 twampSessionTotalRxPkts	151
30.1.13 twampSessionDescription	151
30.2 twampTestTable	151
30.2.1 twampTestSessionId	152
30.2.2 twampTestIndex	152
30.2.3 twampTestId	152
30.2.4 twampTestDelayMin	152
30.2.5 twampTestDelayMax	153
30.2.6 twampTestDelayAvg	153
30.2.7 twampTestJitterMin	153
30.2.8 twampTestJitterMax	153
30.2.9 twampTestJitterAvg	153
30.2.10 twampTestTxPkts	154
30.2.11 twampTestRxPkts	154
30.2.12 twampTestLossRatio	154
30.2.13 twampTestConnectivity	154
30.2.14 twampTestRoundTripDelayMin	155
30.2.15 twampTestRoundTripDelayMax	155
30.2.16 twampTestRoundTripDelayAvg	155
30.2.17 twampTestState	155
30.2.18 twampTestDescription	155
30.3 twampFarEndTestTable	156
30.3.1 twampFarEndTestSessionId	156
30.3.2 twampFarEndTestIndex	156
30.3.3 twampFarEndTestId	156
30.3.4 twampFarEndTestDelayMin	157
30.3.5 twampFarEndTestDelayMax	157
30.3.6 twampFarEndTestDelayAvg	157
30.3.7 twampFarEndTestJitterMin	157
30.3.8 twampFarEndTestJitterMax	158
30.3.9 twampFarEndTestJitterAvg	158
30.3.10 twampFarEndTestTxPkts	158
30.3.11 twampFarEndTestRxPkts	158
30.3.12 twampFarEndTestLossRatio	158
30.3.13 twampFarEndTestConnectivity	159
30.4 twampNearEndTestTable	159

30.4.1 twampNearEndTestSessionId	159
30.4.2 twampNearEndTestIndex	159
30.4.3 twampNearEndTestId	160
30.4.4 twampNearEndTestDelayMin	160
30.4.5 twampNearEndTestDelayMax	160
30.4.6 twampNearEndTestDelayAvg	160
30.4.7 twampNearEndTestJitterMin	161
30.4.8 twampNearEndTestJitterMax	161
30.4.9 twampNearEndTestJitterAvg	161
30.4.10 twampNearEndTestTxPkts	161
30.4.11 twampNearEndTestRxPkts	161
30.4.12 twampNearEndTestLossRatio	162
30.4.13 twampNearEndTestConnectivity	162
Legal Note	163
Warranty	163

1 DATACOM-GENERIC-DEVICE-TRAPS-MIB

MIB file: DATACOM-GENERIC-DEVICE-TRAPS-MIB.mib

This MIB file has the following root objects:

- **datacomGenDvTrapsMIBModule**
 - **OID:** 1.3.6.1.4.1.3709.1.1.24
- **dmGenDvTrapsMIB**
 - **OID:** 1.3.6.1.4.1.3709.2.4
 - **Object identities:**
 - dmGenDvTrapsInf (1.3.6.1.4.1.3709.2.4.1)
- **mtGenDvInfInsertedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.1
 - **Description:** This trap is sent every time an remote device is inserted.
- **mtGenDvInfRemovedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.2
 - **Description:** This trap is sent every time an remote device is removed.
- **mtGenDvStSnmpManagementStatusTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.51
 - **Description:** This trap is sent every time the genDvtSnmpManagementStatus object changes its state.
- **mtGenDvStLatchedPossibleNewCfgTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.52
 - **Description:** This trap is sent every time the genDvtLatchedPossibleNewCfg object changes its state. Values: 1 none 2 possibleNewConfig
- **agFwRemDownTempMemTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.61
 - **Description:** This trap is sent every time the dmAgFwRemDownTempMem object changes its state.
- **agFwRemDownActionStTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.62
 - **Description:** This trap is sent every time the dmAgFwRemDownActionSt object changes its state.
- **mtGenDvInfNumPortsTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.100
 - **Description:** This trap indicates device39;s port state 2 - fail interface on slot. 3 - unknown interface on slot.

- **mtGenDvInfTempRangeTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.601
 - **Description:** This trap is sent every time the temperature is out of range. Values: 1 Temperature inside range 2 Temperature above limit 3 Temperature below limit 4 Shutdown temperature
- **mtGenDvInfFanFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.611
 - **Description:** This trap is sent every time Fan fails. Values: 1 Fan working properly 2 Fan failure
- **mtGenDvInfInsertedPortTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.701
 - **Description:** This trap is sent every time an interface is inserted in device.
- **mtGenDvInfRemovedPortTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.702
 - **Description:** This trap is sent every time an interface is removed from device.
- **mtGenDvInfPortConfigModeTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.809
 - **Description:** This trap is sent every time there is a change at the interface config mode object.
- **mtGenDvInfPowerStatusTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.901
 - **Description:** This trap is sent every time Power Status change.
- **smtGenDvStLinkStatusTribE1PpiExcSlipTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.13018
 - **Description:** This trap is sent every time the link STATUS object changes its value.
- **smtGenDvStLinkStatusDigitalItfExcSlipTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.13204
 - **Description:** This trap is sent every time the link STATUS object changes its value.
- **smtGenDvStLinkStatusDslExcSlipTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.13304
 - **Description:** This trap is sent every time the link STATUS object changes its value.
- **smtGenDvStPhSlotStFailFanFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16002

- **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailFanMismatchTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16007
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailPwrSuppFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16102
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailPwrRedundancyFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16103
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailPwrOverloadTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16104
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailFuseFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16105
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvEthernetOverloadTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16111
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailAggFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16122
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotOperStAggPrevMaintReqTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16126
 - **Description:** This trap is sent every time the local operational status object changes its value.
- **smtGenDvStPhSlotStFailTribFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16132
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotPresenceTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17001

- **Description:** This trap is sent every time the local presence object changes its value. Values are 1 : CardRemoved
2: CardInserted
- **smtGenDvStCurrentDevCpuFWUpdateFailure**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17007
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtGenDvStCurrentDevCpuFWInvalidInactive**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17009
 - **Description:** This trap is sent every time the local presence object changes its value. Values: 1 Firmware
inactive valid 2 Firmware inactive invalid
- **smtGenDvStCurrentDevCpuFWImageTemporary**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17010
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtGenDvStCurrentDevCpuFWUpdateBeginning**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17011
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtGenDvStPhSlotStFailCpuFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17012
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailCriticalTempTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17013
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtsDhStCurrentDevCpuFWUpdateReady**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17015
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtsDhStCurrentDevFWVersionChanged**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17020
 - **Description:** Firmware version changed. Values: genDvTrapsInfObjIntegerVal 2 = FW Version Changed
- **smtGenDvStPhSlotStCardRemovedTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17022
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardMismatchTrap**

- **OID:** 1.3.6.1.4.1.3709.2.40.17023
- **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardDisabledTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17024
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStUnsupportedCardTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17025
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardConfigMismatch**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17026
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardFail**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17027
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardFwMismatch**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17028
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardCriticalTemp**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17029
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardHwConfigFail**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17030
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardHwProtected**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17031
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardVendorMismatch**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17032
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStLastChangeTmTrap**

- **OID:** 1.3.6.1.4.1.3709.2.40.17151
- **Description:** This trap is sent every time the local equipment time change its value (configuration).
- **smtGenDvStLastActivationTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17171
 - **Description:** This trap is sent every time the local up time of last configuration activated object changes its value.
- **smtGenDvStUserListChangedTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17172
 - **Description:** This trap is sent every time an remote device is removed.
- **smtGenDvStCpuActiveTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17191
 - **Description:** This trap is sent every time the cpu becomes active.
- **smtGenDvStCpuColdStartTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17192
 - **Description:** This trap is sent every time the cpu starts up after a power-off state.
- **smtGenDvStCpuWarmStartTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17193
 - **Description:** This trap is sent every time the cpu starts up after a software reset.
- **smtGenDvInflInsertedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.20001
 - **Description:** This trap is sent every time an remote device is inserted.
- **smtGenDvInfRemovedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.20002
 - **Description:** This trap is sent every time an remote device is removed.
- **sFPmismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.21003
 - **Description:** This trap is sent when an SFP is mismatched.
- **sFPvendorMismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.21007
 - **Description:** This trap is sent when a not approved sfp is inserted in the equipment.

- **configTemporaryAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.21101
 - **Description:** This trap is sent when a temporary config alarm changes its value.
- **edfaFailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22014
 - **Description:** This trap is sent when the EDFA alarm changes its value.
- **edfaLowInputPowerFailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22015
 - **Description:** This trap is sent when the EDFA-Low_{InputPower}alarmchangesitsvalue.
- **icad2Subdev1MismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22101
 - **Description:** This trap is sent when the Icad2-Subdev_{1Mismatch}alarmchangesitsvalue.
- **icad2Subdev2MismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22102
 - **Description:** This trap is sent when the Icad2-Subdev_{2Mismatch}alarmchangesitsvalue.
- **icad2Subdev1NotPresentAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22103
 - **Description:** This trap is sent when the Icad2-Subdev_{1NotPresent}alarmchangesitsvalue.
- **icad2Subdev2NotPresentAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22104
 - **Description:** This trap is sent when the Icad2-Subdev_{2NotPresent}alarmchangesitsvalue.
- **icad2Subdev1FailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22105
 - **Description:** This trap is sent when the Icad2-Subdev_{1Failure}alarmchangesitsvalue.
- **icad2Subdev2FailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22106
 - **Description:** This trap is sent when the Icad2-Subdev_{2Failure}alarmchangesitsvalue.
- **smtGenDvStLostComWithItfTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30000
 - **Description:** This trap is sent every time the communication with interface module is lost.

- **smtGenDvStLoSTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30001
 - **Description:** This trap is sent every time a loss of signal is detected.
- **smtGenDvStAiSTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30002
 - **Description:** This trap is sent every time an alarm indication signal is raised.
- **smtGenDvStLofTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30003
 - **Description:** This trap is sent every time a loss of frame alignment is detected.
- **smtGenDvStRalmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30004
 - **Description:** This trap is sent every time a remote alarm is raised.
- **smtGenDvStMfaTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30005
 - **Description:** This trap is sent every time a no multiframe alignment found alarm is raised.
- **smtGenDvStLomTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30006
 - **Description:** This trap is sent every time a loss of multiframe alignment alarm is raised.
- **smtGenDvStCpuLoadThresholdTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30007
 - **Description:** This trap is sent every time a cpuload threshold is reached.
- **smtGenDvStDiskUseThresholdTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30008
 - **Description:** This trap is sent every time a disk usage threshold is reached.
- **smtGenDvStMemoryUseThresholdTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30009
 - **Description:** This trap is sent every time a memory use threshold is reached.
- **stMacSpoofingTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30010

- **Description:** This trap is sent when it is detected that the user over this port sent traffic containing source MAC address already in use by another user port, potentially a malicious use of the line
- **tLoginFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40001
 - **Description:** This trap is sent when an user try logging with a incorrect username or password.
- **tLoginSucessTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40002
 - **Description:** This trap is sent when an user get logging.
- **tTxFaultTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40003
 - **Description:** This trap is sent every time a TX fault is detected.
- **cpuFWMismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40004
 - **Description:** This trap is sent when the current MPU FW is not the selected firmware.
- **cardFWMismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40005
 - **Description:** This trap is sent when the card FW is not the same as the active MPU.
- **fwLoadByTftpAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40006
 - **Description:** This trap is sent when line card loaded firmware from tftp instead of flash.
- **trapLicenseWillExpire**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40007
 - **Description:** This trap is sent when the expiration of a license will occur in less than XXX hours.
- **trapLicenseExpired**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40008
 - **Description:** This trap is sent when a license is expired.
- **uBootUpdateAvailAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40009
 - **Description:** This trap is sent when U-boot must be updated.
- **swNonHomologSfpTrap**

- **OID:** 1.3.6.1.4.1.3709.2.40.40010
- **Description:** This trap is sent when a non-homologated SFP is placed.

1.1 genDvTrapsInfMibVersion

OID: 1.3.6.1.4.1.3709.2.4.1.1

Description: The genDvTraps MIB version supported by this agent software version.

Syntax: DisplayString

Access: read-only

Status: mandatory

1.1.1 genDvTrapsInfLastTrDevNo

OID: 1.3.6.1.4.1.3709.2.4.1.11

Description: Device number of the last trap.

Syntax: DmDevIndex

Access: read-only

Status: mandatory

1.1.2 genDvTrapsInfLastTrDevLocalId

OID: 1.3.6.1.4.1.3709.2.4.1.12

Description: Device local of the last trap.

Syntax: DmDevLocalIndex

Access: read-only

Status: mandatory

1.1.3 genDvTrapsInfLastTrSlotNo

OID: 1.3.6.1.4.1.3709.2.4.1.13

Description: Slot number of the last trap.

Syntax: DmSlotIndex

Access: read-only

Status: mandatory

1.1.4 genDvTrapsInfLastTrPortNo

OID: 1.3.6.1.4.1.3709.2.4.1.14

Description: Port number of the last trap.

Syntax: DmPortIndex

Access: read-only

Status: mandatory

1.1.5 genDvTrapsInfLastTrValue

OID: 1.3.6.1.4.1.3709.2.4.1.15

Description: New value of the object that changed.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.6 genDvTrapsInfLastTrType

OID: 1.3.6.1.4.1.3709.2.4.1.16

Description: Type of the last trap.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.7 genDvTrapsInfLastTrTimeStamp

OID: 1.3.6.1.4.1.3709.2.4.1.17

Description: Time stamp of the last trap.

Syntax: TimeTicks

Access: read-only

Status: mandatory

1.1.8 genDvTrapsInfLastTrDeviceProduct

OID: 1.3.6.1.4.1.3709.2.4.1.18

Description: The device product of the last trap.

Syntax: OBJECT IDENTIFIER

Access: read-only

Status: mandatory

1.1.9 genDvTrapsInfLastTrAlarmId

OID: 1.3.6.1.4.1.3709.2.4.1.19

Description: Alarm number of the last trap.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.10 genDvTrapsInfLastTrAlarmVal

OID: 1.3.6.1.4.1.3709.2.4.1.20

Description: Alarm value of the last trap.

Syntax: INTEGER

Syntax details: (Enumeration) 'deactivated': 1, 'activated': 2, 'unstable': 3

Access: read-only

Status: mandatory

1.1.11 genDvTrapsInfLastTrUserName

OID: 1.3.6.1.4.1.3709.2.4.1.21

Description: User name of the last trap.

Syntax: DisplayString

Access: read-only

Status: mandatory

1.1.12 genDvTrapsInfLastTrAlarmSeverityVal

OID: 1.3.6.1.4.1.3709.2.4.1.22

Description: Severity value of a trap.

Syntax: INTEGER

Syntax details: (Enumeration) 'info': 1, 'warning': 2, 'minor': 3, 'major': 4, 'critical': 5

Access: read-only

Status: mandatory

1.1.13 genDvTrapsInfLastTrChannel

OID: 1.3.6.1.4.1.3709.2.4.1.23

Description: Channel of the last trap.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.14 genDvTrapLicenseSN

OID: 1.3.6.1.4.1.3709.2.4.1.24

Description: The license with serial number.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.15 genDvTrapLicenseExpire

OID: 1.3.6.1.4.1.3709.2.4.1.25

Description: Time to expire a License.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.16 genDvTrapsInfLastTrValueVlan

OID: 1.3.6.1.4.1.3709.2.4.1.26

Description: Vlan's number.

Syntax: INTEGER

Syntax details: (Range) 1 - 4096

Access: read-only

Status: mandatory

1.1.17 genDvTrapsInfLastTrStringMac

OID: 1.3.6.1.4.1.3709.2.4.1.27

Description: String containing MAC address (format xx:xx:xx:xx:xx:xx).

Syntax: OCTET STRING

Access: read-only

Status: mandatory

1.1.18 genDvTrapsInfTable

OID: 1.3.6.1.4.1.3709.2.4.1.100

Description: Table with general trap information about the equipment managed by this MIB.

Syntax: SEQUENCE OF genDvTrapsInfEntry (OID: 1.3.6.1.4.1.3709.2.4.1.100.1)

Access: not-accessible

Status: mandatory

genDvTrapsInfIdxNo

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.1

Description: Index number.

Syntax: DmTrapIndex

Access: read-only

Status: mandatory

genDvTrapsInfObjectOid

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.2

Description: OID (Object Identifier) number.

Syntax: OBJECT IDENTIFIER

Access: read-only

Status: mandatory

genDvTrapsInfObjIntegerVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.3

Description: Object value (Integer).

Syntax: INTEGER

Access: read-only

Status: mandatory

genDvTrapsInfObjTmTicksVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.4

Description: Object value (TimeTicks).

Syntax: TimeTicks

Access: read-only

Status: mandatory

genDvTrapsInfObjStringVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.5

Description: Object value (Octet String).

Syntax: OCTET STRING

Access: read-only

Status: mandatory

genDvTrapsInfObjCounterVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.6

Description: Object value (Counter).

Syntax: Counter32

Access: read-only

Status: mandatory

genDvTrapsInfObjGaugeVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.7

Description: Object value (Gauge).

Syntax: Gauge32

Access: read-only

Status: mandatory

2 DATACOM-GPON-TRAPS-MIB

MIB file: DATACOM-GPON-TRAPS-MIB.mib

This MIB file has the following root objects:

- **datacomGponTrapsMIBModule**
 - **OID:** 1.3.6.1.4.1.3709.1.1.5
 - **Description:** The MIB module for DATACOM GPON traps.
- **dmAdGponTrapsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.5.200
 - **Object identities:**
 - dmAdGponTrapsInf (1.3.6.1.4.1.3709.3.5.200.1)
 - dmAdGponTraps (1.3.6.1.4.1.3709.3.5.200.2)

2.1 dmAdGponTrapsInfLastTrapOnuID

OID: 1.3.6.1.4.1.3709.3.5.200.1.1

Description: ONU ID of the last trap.

Syntax: INTEGER

Access: read-only

Status: current

2.2 dmAdGponTrapsInfLastTrapSwdlInfo

OID: 1.3.6.1.4.1.3709.3.5.200.1.2

Description: ONU SWDL progress status.

Syntax: INTEGER

Syntax details: (Enumeration) 'started': 21, 'aborted': 22, 'successful': 23, 'error': 24, 'invalid': 25

Access: read-only

Status: current

2.3 dmAdGponTrapsInfLastTrapOnuSN

OID: 1.3.6.1.4.1.3709.3.5.200.1.3

Description: ONU Serial Number.

Syntax: OCTET STRING

Access: read-only

Status: current

2.4 gPonLOSiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50001

Description: Loss of signal for ONU.

Status: current

2.5 gPonLOFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50002

Description: Loss of Frame of ONU.

Status: current

2.6 gPonDOWiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50003

Description: Drift of Window of ONU.

Status: current

2.7 gPonSFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50004

Description: Signal Fail of ONU.

Status: current

2.8 gPonSDiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50005

Description: Signal degrade of ONU.

Status: current

2.9 gPonLCDGiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50006

Description: Loss of GEM channel delineation.

Status: current

2.10 gPonRDiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50007

Description: Remote defect indication of ONU.

Status: current

2.11 gPonTFAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50008

Description: Transmitter failure on PON link.

Status: current

2.12 gPonSUFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50009

Description: Start-up Failure of ONU.

Status: current

2.13 gPonDFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50010

Description: ONU does not react correctly after three Deactivate_ONU-ID or three Disable_Serial_Number messages.

Status: current

2.14 gPonLOAiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50011

Description: Loss of Ack with ONU.

Status: current

2.15 gPonDGiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50012

Description: Receive Dying Gasp of ONU.

Status: current

2.16 gPonLOAMiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50013

Description: Loss of PLOAM for ONU.

Status: current

2.17 gPonMISiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50014

Description: Link Mismatch of ONU.

Status: current

2.18 gPonPEEiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50015

Description: Physical Equipment error of ONU.

Status: current

2.19 gPonOnuEquipmentFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50016

Description: ONU Equipment failure.

Status: current

2.20 gPonOnuPowerFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50017

Description: ONU Power failure.

Status: current

2.21 gPonOnuBatteryMissingAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50018

Description: ONU Battery missing.

Status: current

2.22 gPonOnuBatteryFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50019

Description: ONU Battery failure.

Status: current

2.23 gPonOnuBatteryLowAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50020

Description: ONU Battery low.

Status: current

2.24 gPonOnuPhysicalIntrusionAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50021

Description: ONU Physical intrusion.

Status: current

2.25 gPonOnuSelfTestFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50022

Description: ONU Self testing failure.

Status: current

2.26 gPonOnuVoltageRedAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50023

Description: ONU Voltage red.

Status: current

2.27 gPonOnuDiscoveredEvent

OID: 1.3.6.1.4.1.3709.3.5.200.2.50024

Description: ONU discovered on PON link.

Status: current

2.28 gPonOnuPasswordMismatchAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50025

Description: ONU password mismatch.

Status: current

2.29 gPonOnuSwdlInProgressEvent

OID: 1.3.6.1.4.1.3709.3.5.200.2.50026

Description: ONU Software download in progress.

Status: current

2.30 gPonLOBiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50027

Description: ONU Loss of burst (XGS).

Status: current

2.31 gPonLOPCiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50028

Description: Loss of PLOAM for ONU (XGS).

Status: current

2.32 gPonLOOCiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50029

Description: Loss of OMCC channel (XGS).

Status: current

3 DATACOM-SMI

MIB file: DATACOM-SMI.mib

This MIB file has the following root objects:

- **datacom**
 - **OID:** 1.3.6.1.4.1.3709
 - **Object identities:**
 - datacomRegistrations (1.3.6.1.4.1.3709.1)
 - datacomGenericMIBs (1.3.6.1.4.1.3709.2)
 - datacomProductsMIBs (1.3.6.1.4.1.3709.3)
 - datacomExperimental (1.3.6.1.4.1.3709.4)

4 DMOS-AUTHENTICATION-NOTIFICATIONS-MIB

MIB file: DMOS-AUTHENTICATION-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosAuthenticationNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.7
 - **Description:** DmOS MIB module for authentication notifications.
 - **Object identities:**
 - dmosAuthenticationNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.7.1)

4.1 loginFail

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.2

Description: Login failure trap.

Status: current

4.2 loginSuccess

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.3

Description: Login success trap.

Status: current

5 DMOS-BGP4-MIB

MIB file: DMOS-BGP4-MIB.mib

This MIB file has the following root objects:

- **dmosBgpCountersMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.13
 - **Description:** The DmOS MIB module for the BGP-4 protocol.

5.1 bgpPrefixCountersTable

OID: 1.3.6.1.4.1.3709.3.6.13.1

Description: BGP prefix counter table. This table contains the prefix counters for each peer.

Syntax: SEQUENCE OF bgpPrefixCountersEntry (OID: 1.3.6.1.4.1.3709.3.6.13.1.1)

Access: not-accessible

Status: current

5.1.1 bgpPrefixCountersRemoteAddressType

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.1

Description: The type of the remote address.

Syntax: InetAddressType

Access: not-accessible

Status: current

5.1.2 bgpPrefixCountersRemoteAddress

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.2

Description: The peer IP address.

Syntax: InetAddress

Access: not-accessible

Status: current

5.1.3 bgpPrefixCountersFamilyAfi

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.3

Description: The Address Family Identifier.

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'ipv4': 1, 'ipv6': 2, 'ipv4z': 3, 'ipv6z': 4, 'dns': 16

Access: not-accessible

Status: current

5.1.4 bgpPrefixCountersFamilySafi

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.4

Description: The Subsequent Address Family Identifiers.

Syntax: BgpSafi

Access: not-accessible

Status: current

5.1.5 bgpPrefixCountersInPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.5

Description: The number of prefixes received from a peer and are stored in the Adj-Ribs-In for that peer.

Syntax: Gauge32

Access: read-only

Status: current

5.1.6 bgpPrefixCountersInAcceptedPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.6

Description: The number of prefixes for a peer that are installed in the Adj-Ribs-In and are eligible to become active in the Loc-Rib.

Syntax: Gauge32

Access: read-only

Status: current

5.1.7 bgpPrefixCountersInRejectedPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.7

Description: The number of prefixes for a peer that are installed in the Adj-Ribs-In and are NOT eligible to become active in the Loc-Rib.

Syntax: Gauge32

Access: read-only

Status: current

5.1.8 bgpPrefixCountersOutPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.8

Description: The number of prefixes for a peer that are installed in that peer's Adj-Ribs-Out.

Syntax: Gauge32

Access: read-only

Status: current

5.1.9 bgpPrefixCountersOutAdvertisedPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.9

Description: The number of advertised prefixes currently associated with the peer.

Syntax: Gauge32

Access: read-only

Status: current

5.1.10 bgpPrefixCountersInActivePrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.10

Description: The number of prefixes for a peer that are installed in the Adj-RIB-In and are marked as 'active' in the Loc-Rib.

Syntax: Gauge32

Access: read-only

Status: current

5.1.11 bgpPrefixCountersInPrefixesDeniedByPol

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.11

Description: The number of times a received prefix has been denied, and therefore not installed in the Adj-RIB-In, because of local filter policy.

Syntax: Gauge32

Access: read-only

Status: current

6 DMOS-CARDMGR-NOTIFICATIONS-MIB

MIB file: DMOS-CARDMGR-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosCardmgrNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.3
 - **Description:** DmOS notifications related to card manager events.
 - **Object identities:**
 - dmosCardmgrNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.1)

6.1 dmosCardmgrAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.1

Description: Traps generated by card manager alarms.

Status: current

6.2 cardNotProvisionedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.2

Description: Card not provisioned alarm trap.

Status: current

6.3 cardNotPresentAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.3

Description: Card not present alarm trap.

Status: current

6.4 cardRemovedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.4

Description: Card removed alarm trap.

Status: current

6.5 cardMismatchAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.5

Description: Card mismatch alarm trap.

Status: current

6.6 cardInsertedTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.6

Description: Card inserted trap.

Status: current

6.7 cardRemovedTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.7

Description: Card removed trap.

Status: current

6.8 fanModuleNotPresentAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.8

Description: Fan module not present alarm trap.

Status: current

6.9 cardUpdatedTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.9

Description: Card updated trap.

Status: current

6.10 psuUnsupportedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.10

Description: PSU not supported in this product.

Status: current

6.11 cardUninitializedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.11

Description: Card could not be correctly initialized.

Status: current

7 DMOS-CFM-MIB

MIB file: DMOS-CFM-MIB.mib

This MIB file has the following root objects:

- **dmosCfmMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.14
 - **Description:** The DmOS MIB module for the CFM protocol
 - **Object identities:**
 - cfmDelayMeasurement (1.3.6.1.4.1.3709.3.6.14.1)

7.1 cfmDelayMeasurementProbeTable

OID: 1.3.6.1.4.1.3709.3.6.14.1.1

Description: Display CFM Delay Measurement Probes List

Syntax: SEQUENCE OF cfmDelayMeasurementProbeEntry (OID: 1.3.6.1.4.1.3709.3.6.14.1.1.1)

Access: not-accessible

Status: current

7.1.1 cfmDelayMeasurementProbeId

OID: 1.3.6.1.4.1.3709.3.6.14.1.1.1.1

Syntax: UnsignedShort

Access: read-only

Status: current

7.2 cfmDelayMeasurementProbeSessionTable

OID: 1.3.6.1.4.1.3709.3.6.14.1.2

Description: Display CFM Delay Measurement Sessions

Syntax: SEQUENCE OF cfmDelayMeasurementProbeSessionEntry (OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1)

Access: not-accessible

Status: current

7.2.1 cfmDelayMeasurementProbeSessionId

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.1

Syntax: UnsignedShort

Access: read-only

Status: current

7.2.2 cfmDelayMeasurementProbeSessionPcp

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.2

Description: Display data of a session with a specific PCP

Syntax: Integer32

Access: read-only

Status: current

7.2.3 cfmDelayMeasurementProbeSessionLastAvgDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.3

Syntax: Integer32

Access: read-only

Status: current

7.2.4 cfmDelayMeasurementProbeSessionLastMinDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.4

Syntax: Integer32

Access: read-only

Status: current

7.2.5 cfmDelayMeasurementProbeSessionLastMaxDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.5

Syntax: Integer32

Access: read-only

Status: current

7.2.6 cfmDelayMeasurementProbeSessionLastAvgJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.6

Syntax: Integer32

Access: read-only

Status: current

7.2.7 cfmDelayMeasurementProbeSessionLastMinJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.7

Syntax: Integer32

Access: read-only

Status: current

7.2.8 cfmDelayMeasurementProbeSessionLastMaxJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.8

Syntax: Integer32

Access: read-only

Status: current

7.2.9 cfmDelayMeasurementProbeSessionLastLossRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.9

Syntax: Integer32

Access: read-only

Status: current

7.2.10 cfmDelayMeasurementProbeSessionLastPcpMismatchRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.10

Syntax: Integer32

Access: read-only

Status: current

7.2.11 cfmDelayMeasurementProbeSessionAllAvgDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.11

Syntax: Integer32

Access: read-only

Status: current

7.2.12 cfmDelayMeasurementProbeSessionAllMinDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.12

Syntax: Integer32

Access: read-only

Status: current

7.2.13 cfmDelayMeasurementProbeSessionAllMaxDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.13

Syntax: Integer32

Access: read-only

Status: current

7.2.14 cfmDelayMeasurementProbeSessionAllAvgJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.14

Syntax: Integer32

Access: read-only

Status: current

7.2.15 cfmDelayMeasurementProbeSessionAllMinJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.15

Syntax: Integer32

Access: read-only

Status: current

7.2.16 cfmDelayMeasurementProbeSessionAllMaxJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.16

Syntax: Integer32

Access: read-only

Status: current

7.2.17 cfmDelayMeasurementProbeSessionAllLossRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.17

Syntax: Integer32

Access: read-only

Status: current

7.2.18 cfmDelayMeasurementProbeSessionAllPcpMismatchRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.18

Syntax: Integer32

Access: read-only

Status: current

8 DMOS-CONFIG-NOTIFICATIONS-MIB

MIB file: DMOS-CONFIG-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosConfigNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.8
 - **Description:** DmOS MIB module for configuration notifications.
 - **Object identities:**
 - dmosConfigNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.8.1)

8.1 configCommit

OID: 1.3.6.1.4.1.3709.3.6.3.3.8.2

Description: Configuration commit trap.

Status: current

9 DMOS-CPU-NOTIFICATIONS-MIB

MIB file: DMOS-CPU-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosCpuNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.0
 - **Description:** The CPU notifications designed to be used by notification manager
 - **Object identities:**
 - dmosCpuNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.0.1)
 - dmosCpuNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.0.2)

9.1 dmosCpuNotificationThreshold

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.1

Description: CPU alarm threshold percentage.

Syntax: UnsignedPercent

Access: accessible-for-notify

Status: current

9.2 dmosCpuNotificationInterval

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.2

Description: Time interval that generated the alarm value.

Syntax: Gauge32

Access: accessible-for-notify

Status: current

9.3 dmosCpuNotificationValue

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.3

Description: CPU load value that generated the alarm.

Syntax: UnsignedPercent

Access: accessible-for-notify

Status: current

9.4 dmosCpuNotificationCoreId

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.4

Description: Identifier of CPU core that generated the alarm

Syntax: Gauge32

Access: accessible-for-notify

Status: current

9.5 dmosCpuAlarmInfoGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.2.1

Description: A set of objects that provides more information about CPU alarms.

Status: current

9.6 dmosCpuAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.2.2

Description: Traps generated by CPU alarms.

Status: current

9.7 cpuLoadHighTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.3

Description: Alarm trap for high CPU load.

Status: current

9.8 cpuCoreHighTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.4

Description: Alarm trap for high CPU core load.

Status: current

10 DMOS-EAPS

MIB file: DMOS-EAPS.mib

This MIB file has the following root objects:

- **dmosEapsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.17
 - **Description:** This module contains the YANG definitions for EAPS protocol.

10.1 eapsStateTable

OID: 1.3.6.1.4.1.3709.3.6.17.1

Description: This table holds all EAPS domain entries with status and current config information.

Syntax: SEQUENCE OF eapsStateEntry (OID: 1.3.6.1.4.1.3709.3.6.17.1.1)

Access: not-accessible

Status: current

10.1.1 eapsDomainID

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.1

Description: EAPS configured domain.

Syntax: UnsignedByte

Syntax details: (Range) 0 - 63

Access: read-only

Status: current

10.1.2 eapsDomainName

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.2

Description: Current text name configured for EAPS domain. If not configured, this OID will return 'No such instance currently exists at this OID'.

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

10.1.3 eapsDomainState

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.3

Description: The current state of the EAPS domain. The possible states are Idle, Init, Complete, Failed, Pre Forwarding, Links Up and Link Down.

Syntax: INTEGER

Syntax details: (Enumeration) 'idle': 0, 'init': 1, 'complete': 2, 'failed': 3, 'pre-forwarding': 4, 'links-up': 5, 'link-down': 6

Access: read-only

Status: current

10.1.4 eapsDomainMode

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.4

Description: Domain mode current configuration. A ring is allowed to have a single Master(0) node and multiple Transit(1) nodes.

Syntax: Node_mode

Access: read-only

Status: current

10.1.5 eapsDomainPrimaryPortState

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.5

Description: The state of the domain primary port, where Up and Down refer to port link status and Enable and Blocked refer to the port traffic block state.

Syntax: Port_state

Access: read-only

Status: current

10.1.6 eapsDomainSecondaryPortState

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.6

Description: The state of the domain secondary port, where Up and Down refer to port link status and Enable and Blocked refer to the port traffic block state.

Syntax: Port_state

Access: read-only

Status: current

10.1.7 eapsDomainHealthCheckState

OID: 1.3.6.1.4.1.3709.3.6.17.1.7

Description: Holds the health check state of the domain, wich can be OK or Failed. It'll return 'No such instance currently exists at this OID' until it assumes Ok or Failed state

Syntax: INTEGER

Syntax details: (Enumeration) 'ok': 0, 'failed': 1

Access: read-only

Status: current

10.2 eapsConfigTable

OID: 1.3.6.1.4.1.3709.3.6.17.2

Description: Table that holds all entries for reading current configuration of EAPS domains.

Syntax: SEQUENCE OF eapsConfigEntry (OID: 1.3.6.1.4.1.3709.3.6.17.2.1)

Access: not-accessible

Status: current

10.2.1 eapsCfgDomainID

OID: 1.3.6.1.4.1.3709.3.6.17.2.1.1

Description: EAPS configured domain.

Syntax: UnsignedByte

Syntax details: (Range) 0 - 63

Access: read-only

Status: current

10.2.2 eapsCfgDomainPrimaryPort

OID: 1.3.6.1.4.1.3709.3.6.17.2.1.2

Description: The primary port configured in the domain.

Syntax: String

Access: read-only

Status: current

10.2.3 eapsCfgDomainSecondaryPort

OID: 1.3.6.1.4.1.3709.3.6.17.2.1.3

Description: The secondary port configured in the domain.

Syntax: String

Access: read-only

Status: current

11 DMOS-ERPS-MIB

MIB file: DMOS-ERPS-MIB.mib

This MIB file has the following root objects:

- **dmosErpsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.16
 - **Description:** This module contains the YANG definitions for ERPS protocol status.

11.1 erpsStateTable

OID: 1.3.6.1.4.1.3709.3.6.16.1

Description: Display ERPS rings information.

Syntax: SEQUENCE OF erpsStateEntry (OID: 1.3.6.1.4.1.3709.3.6.16.1.1)

Access: not-accessible

Status: current

11.1.1 erpsRingId

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.1

Description: The ERPS ring identifier

Syntax: Integer32

Syntax details: (Range) 1 - 239

Access: read-only

Status: current

11.1.2 erpsRingControlVlan

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.2

Description: The VLAN ID used for ERPS control packets, in this ring instance.

Syntax: Unsigned32

Syntax details: (Range) 1 - 4094

Access: read-only

Status: current

11.1.3 erpsRingName

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.3

Description: The textual name for this ERPS ring instance, according to the network manager's choice

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

11.1.4 erpsRingType

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.4

Description: Ring Type of this instance. Possible types are Major-ring and Sub-ring.

Syntax: INTEGER

Syntax details: (Enumeration) 'major-ring': 0, 'sub-ring': 1

Access: read-only

Status: current

11.1.5 erpsRingParentRing

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.5

Description: The parent-ring name for this ring instance. This information is available only when ring-type parameter is set to sub-ring. In major-rings it'll return 'No such instance currently exists at this OID'.

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

11.1.6 erpsRingState

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.6

Description: The current state of the ring instance. The possible states are Init(0), Idle(1), Protection(2), ManualSwitch(3), ForcedSwitch(4), Pending(5) and Unknown(6).

Syntax: Erps_ring_status

Access: read-only

Status: current

11.1.7 erpsRingPort0

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.7

Description: The first ring instance's port.

Syntax: String

Access: read-only

Status: current

11.1.8 erpsRingPort0RplRole

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.8

Description: The RPL role of the first ring instance's port. Possible values are none, owner and neighbor.

Syntax: INTEGER

Syntax details: (Enumeration) 'none': 0, 'owner': 1, 'neighbor': 2

Access: read-only

Status: current

11.1.9 erpsRingPort0LocalFailure

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.9

Description: Inform if the first port has a local failure. Possible values are Yes(0) and No(1).

Syntax: Erps_yes_or_no

Access: read-only

Status: current

11.1.10 erpsRingPort0State

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.10

Description: The state of the first port. Possible values are Unknown(0), Forward(1), Blocked(2), Data-Blocked(3) and Control-Channel-Blocked(4).

Syntax: Erps_port_state

Access: read-only

Status: current

11.1.11 erpsRingPort1

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.11

Description: The second ring instance's port.

Syntax: String

Access: read-only

Status: current

11.1.12 erpsRingPort1RplRole

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.12

Description: The RPL role of the second ring instance's port. Possible values are owner, neighbor, and none. It'll return 'No such instance currently exists at this OID' on sub-rings interconnection nodes with virtual-channel configuration.

Syntax: INTEGER

Syntax details: (Enumeration) 'none': 0, 'owner': 1, 'neighbor': 2

Access: read-only

Status: current

11.1.13 erpsRingPort1LocalFailure

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.13

Description: Inform if the second port has a local failure. Possible values are Yes(0) and No(1). It'll return 'No such instance currently exists at this OID' on sub-rings interconnection nodes with virtual-channel configuration.

Syntax: Erps_yes_or_no

Access: read-only

Status: current

11.1.14 erpsRingPort1State

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.14

Description: The state of the second port. Possible values are Unknown(0), Forward(1), Blocked(2), Data-Blocked(3) and Control-Channel-Blocked(4). It'll return 'No such instance currently exists at this OID' on sub-rings interconnection nodes with virtual-channel configuration.

Syntax: Erps_port_state

Access: read-only

Status: current

12 DMOS-EXPERIMENTAL-NOTIFICATIONS-MIB

MIB file: DMOS-EXPERIMENTAL-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **experimentalDmosNotifications**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.4294967294
- **dmosExperimentalNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.4294967294
 - **Description:** This module contains experimental DmOS notifications and related objects for internal use and can change without notice
 - **Object identities:**
 - experimentalNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.4294967294.1)
 - experimentalCustomNotifications (1.3.6.1.4.1.3709.3.6.3.3.4294967294.2)

13 DMOS-EXPERIMENTAL-TEST-NOTIFICATIONS-MIB

MIB file: DMOS-EXPERIMENTAL-TEST-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **alarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.1
 - **Description:** Example trap.
- **dmosExperimentalTestNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2
 - **Description:** The notifications designed to be used in the tests of the notification manager
- **notificationTrap**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.2.1
 - **Description:** A trap without binds.
- **eventTrap**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.2.2
 - **Description:** A test trap.

13.1 testParamUint32

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.1

Description: An unsigned 32-bit integer for testing.

Syntax: Gauge32

Access: read-only

Status: current

13.2 testParamInt32

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.2

Description: A signed 32-bit integer for testing.

Syntax: Integer32

Access: read-only

Status: current

13.3 testParamStr

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.3

Description: A string for testing.

Syntax: DisplayString

Access: read-only

Status: current

13.4 testParamFloat

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.4

Description: A signed 32-bit integer for testing.

Syntax: FixedPoint2Dec

Access: read-only

Status: current

14 DMOS-GPON-NOTIFICATIONS-MIB

MIB file: DMOS-GPON-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosGponNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.4
 - **Description:** DmOS notifications related to GPON events.
 - **Object identities:**
 - dmosGponNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.4.1)

14.1 dmosGponAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.4.1.1

Description: Traps generated by GPON alarms.

Status: current

14.2 gPonOnuAutoProvAddFailTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.4.2

Description: Failure adding ONU during auto provisioning on PON link.

Status: current

15 DMOS-HW-MONITOR-MIB

MIB file: DMOS-HW-MONITOR-MIB.mib

This MIB file has the following root objects:

- **dmosHwMonitorMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.6
 - **Description:** This module contains DmOS thermal information and status monitoring objects.
 - **Object identities:**
 - environment (1.3.6.1.4.1.3709.3.6.6.1)

15.1 environmentChassisTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.1

Description: List of chassis for which thermal management information is available

Syntax: SEQUENCE OF environmentChassisEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.1.1)

Access: not-accessible

Status: current

15.1.1 environmentChassisId

OID: 1.3.6.1.4.1.3709.3.6.6.1.1.1.1

Description: Chassis identifier

Syntax: Unsigned32

Access: read-only

Status: current

15.2 environmentSlotTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.2

Description: List of slots for which thermal management information is available

Syntax: SEQUENCE OF environmentSlotEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.2.1)

Access: not-accessible

Status: current

15.2.1 environmentSlotId

OID: 1.3.6.1.4.1.3709.3.6.6.1.2.1.1

Description: Slot identifier

Syntax: DisplayString

Access: read-only

Status: current

15.3 temperatureSensorTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.3

Description: List of temperature sensors present on a given slot and chassis

Syntax: SEQUENCE OF temperatureSensorEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1)

Access: not-accessible

Status: current

15.3.1 temperatureSensorId

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.1

Description: Temperature sensor identifier

Syntax: DisplayString

Access: not-accessible

Status: current

15.3.2 temperatureSensorDescription

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.2

Description: Temperature sensor description

Syntax: DisplayString

Access: read-only

Status: current

15.3.3 temperatureSensorMaxTemperature

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.3

Description: High temperature alarm threshold

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.4 temperatureSensorMinTemperature

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.4

Description: Low temperature alarm threshold

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.5 temperatureSensorHysteresis

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.5

Description: Hysteresis value for both high and low temperature alarms

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.6 temperatureSensorCurrentTemperature

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.6

Description: Current temperature value being read by the sensor

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.7 temperatureSensorTemperatureReadError

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.7

Description: Indicates if an error occurred while trying to read from the sensor

Syntax: TruthValue

Access: read-only

Status: current

15.3.8 temperatureSensorTemperatureStatus

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.8

Description: Temperature status based on minimum and maximum thresholds

Syntax: EnvironmentSensorStatus

Access: read-only

Status: current

15.4 fanTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.4

Description: List of individual fans manageable on a given fan module/slot

Syntax: SEQUENCE OF fanEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1)

Access: not-accessible

Status: current

15.4.1 fanId

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.1

Description: Fan identifier

Syntax: DisplayString

Access: not-accessible

Status: current

15.4.2 fanDescription

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.2

Description: Fan description

Syntax: DisplayString

Access: read-only

Status: current

15.4.3 fanSpeed

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.4

Description: Current speed of the fan

Syntax: Unsigned32

Access: read-only

Status: current

15.4.4 fanSpeedReadError

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.5

Description: Indicates if an error occurred while trying to read from the sensor

Syntax: TruthValue

Access: read-only

Status: current

15.4.5 fanSpeedStatus

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.6

Description: Indicates the current state of the fan based on its speed

Syntax: EnvironmentSensorStatus

Access: read-only

Status: current

15.5 psuTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.5

Description: List of Power Supply Units

Syntax: SEQUENCE OF psuEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.5.1)

Access: not-accessible

Status: current

15.5.1 psuld

OID: 1.3.6.1.4.1.3709.3.6.6.1.5.1.1

Description: Power Supply Unit identifier

Syntax: DisplayString

Access: not-accessible

Status: current

15.5.2 psuStatus

OID: 1.3.6.1.4.1.3709.3.6.6.1.5.1.2

Description: Indicates the current state of the PSU

Syntax: INTEGER

Syntax details: (Enumeration) 'ok': 0, 'powerInputFailure': 1, 'fuseFailure': 2, 'error': 3

Access: read-only

Status: current

16 DMOS-HW-MONITOR-NOTIFICATIONS-MIB

MIB file: DMOS-HW-MONITOR-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosHwMonNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.2
 - **Description:** This MIB file contains the definition of DmOS notifications related to the hardware monitoring.
 - **Object identities:**
 - dmosHwMonNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.2.1)
 - dmosHwMonNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.2.2)

16.1 dmosHwMonValue

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.1.1

Description: Current value that triggered the notification.

Syntax: Integer32

Access: accessible-for-notify

Status: current

16.2 dmosHwMonLimitValue

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.1.2

Description: Current limit that was overflow and that triggered the notification.

Syntax: Integer32

Access: accessible-for-notify

Status: current

16.3 dmosHwMonAlarmInfoGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.1

Description: A set of objects that provides more information about hardware monitoring alarms.

Status: current

16.4 dmosFanAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.2

Description: Traps generated by fan alarms.

Status: current

16.5 dmosTempAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.3

Description: Traps generated by temperature alarms.

Status: current

16.6 dmosPsuAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.4

Description: Traps generated by PSU alarms.

Status: current

16.7 fanHighAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.3

Description: Alarm for fan speed above the safe rpm speed.

Status: current

16.8 fanLowAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.4

Description: Alarm for fan speed below the safe rpm speed.

Status: current

16.9 fanFailAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.5

Description: Alarm for fan in a fail condition. The fan must be checked.

Status: current

16.10 fanErrorAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.6

Description: Alarm to report that an error happened on fan status reading.

Status: current

16.11 tempHighAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.7

Description: Alarm for high temperature of the device.

Status: current

16.12 tempLowAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.8

Description: Alarm for low temperature of the device.

Status: current

16.13 tempErrorAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.9

Description: It was not possible to read the temperature sensor.

Status: current

16.14 tempCriticalAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.10

Description: Alarm for critical temperature of the device.

Status: current

16.15 psuPowerInputFailureAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.11

Description: Alarm for PSU power input failure.

Status: current

16.16 psuFuseFailureAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.12

Description: Alarm for PSU fuse failure.

Status: current

16.17 psuErrorAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.13

Description: Alarm for PSU status check error.

Status: current

17 DMOS-INVENTORY-MIB

MIB file: DMOS-INVENTORY-MIB.mib

This MIB file has the following root objects:

- **dmosInventoryMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.11

17.1 chassisTable

OID: 1.3.6.1.4.1.3709.3.6.11.1

Description: List of Chassis inventory information

Syntax: SEQUENCE OF chassisEntry (OID: 1.3.6.1.4.1.3709.3.6.11.1.1)

Access: not-accessible

Status: current

17.1.1 chassisChassisId

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.1

Description: Chassis identification

Syntax: Unsigned32

Access: not-accessible

Status: current

17.1.2 chassisProductName

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.2

Description: Name of product

Syntax: String

Access: read-only

Status: current

17.1.3 chassisPartNumber

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.3

Description: Product part number

Syntax: String

Access: read-only

Status: current

17.1.4 chassisSerialNumber

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.4

Description: Product serial number

Syntax: String

Access: read-only

Status: current

17.1.5 chassisVendor

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.5

Description: Product vendor

Syntax: String

Access: read-only

Status: current

17.1.6 chassisProductModel

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.6

Description: Hardware model of the product

Syntax: String

Access: read-only

Status: current

17.1.7 chassisProductRevision

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.7

Description: Product revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.1.8 chassisPcbRevision

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.8

Description: PCB revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.1.9 chassisHardwareVersion

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.9

Description: Hardware version

Syntax: UnsignedByte

Access: read-only

Status: current

17.1.10 chassisOperationTemperature

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.10

Description: Range of operating temperature

Syntax: String

Access: read-only

Status: current

17.1.11 chassisSystemMacAddress

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.11

Description: Product MAC address

Syntax: HexList

Syntax details: (Size) 6 - 6

Access: read-only

Status: current

17.1.12 chassisFactoryStatus

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.12

Description: Factory status of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.1.13 chassisNumMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.13

Description: Number of maintenances of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.1.14 chassisItemsMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.14

Description: Maintenance items of Product

Syntax: Unsigned32

Access: read-only

Status: current

17.1.15 chassisDateLastMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.15

Description: Date of last maintenance of Product

Syntax: String

Access: read-only

Status: current

17.1.16 chassisCardSpecific

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.16

Description: Card specific info

Syntax: String

Access: read-only

Status: current

17.1.17 chassisFirmwareRevision

OID: 1.3.6.1.4.1.3709.3.6.11.1.17

Description: Firmware revision of Product

Syntax: String

Access: read-only

Status: current

17.1.18 chassisInventoryState

OID: 1.3.6.1.4.1.3709.3.6.11.1.18

Description: State of inventory

Syntax: INTEGER

Syntax details: (Enumeration) 'valid-inventory': 1, 'no-inventory': 2, 'invalid-inventory': 3, 'deferred-inventory': 4

Access: read-only

Status: current

17.2 chassisSlotTable

OID: 1.3.6.1.4.1.3709.3.6.11.2

Description: List of Slot inventory information

Syntax: SEQUENCE OF chassisSlotEntry (OID: 1.3.6.1.4.1.3709.3.6.11.2.1)

Access: not-accessible

Status: current

17.2.1 chassisSlotSlotId

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.1

Description: Slot identification

Syntax: SlotIdTypeRestricted

Access: not-accessible

Status: current

17.2.2 chassisSlotId

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.2

Description: Slot identification field in format chassis/slot

Syntax: String

Access: read-only

Status: current

17.2.3 chassisSlotCardPartNumber

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.3

Description: Product part number

Syntax: String

Access: read-only

Status: current

17.2.4 chassisSlotCardSerialNumber

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.4

Description: Product serial number

Syntax: String

Access: read-only

Status: current

17.2.5 chassisSlotCardVendor

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.5

Description: Product vendor

Syntax: String

Access: read-only

Status: current

17.2.6 chassisSlotCardProductModel

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.6

Description: Hardware model of the product

Syntax: String

Access: read-only

Status: current

17.2.7 chassisSlotCardProductRevision

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.7

Description: Product revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.2.8 chassisSlotCardPcbRevision

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.8

Description: PCB revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.2.9 chassisSlotCardHardwareVersion

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.9

Description: Hardware version

Syntax: UnsignedByte

Access: read-only

Status: current

17.2.10 chassisSlotCardOperationTemperature

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.10

Description: Range of operating temperature

Syntax: String

Access: read-only

Status: current

17.2.11 chassisSlotCardSystemMacAddress

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.11

Description: Product MAC address

Syntax: HexList

Syntax details: (Size) 6 - 6

Access: read-only

Status: current

17.2.12 chassisSlotCardFactoryStatus

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.12

Description: Factory status of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.2.13 chassisSlotCardNumMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.13

Description: Number of maintenances of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.2.14 chassisSlotCardItemsMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.14

Description: Maintenance items of Product

Syntax: Unsigned32

Access: read-only

Status: current

17.2.15 chassisSlotCardDateLastMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.15

Description: Date of last maintenance of Product

Syntax: String

Access: read-only

Status: current

17.2.16 chassisSlotCardCardSpecific

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.16

Description: Card specific info

Syntax: String

Access: read-only

Status: current

17.2.17 chassisSlotCardFirmwareRevision

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.17

Description: Firmware revision of Product

Syntax: String

Access: read-only

Status: current

17.2.18 chassisSlotCardInventoryState

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.18

Description: State of inventory

Syntax: INTEGER

Syntax details: (Enumeration) 'valid-inventory': 1, 'no-inventory': 2, 'invalid-inventory': 3, 'deferred-inventory': 4

Access: read-only

Status: current

17.3 transceiverInventoryTable

OID: 1.3.6.1.4.1.3709.3.6.11.3

Description: List of transceiver inventory information

Syntax: SEQUENCE OF transceiverInventoryEntry (OID: 1.3.6.1.4.1.3709.3.6.11.3.1)

Access: not-accessible

Status: current

17.3.1 transceiverInventoryIfIndex

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.1

Description: Interface index

Syntax: Unsigned32

Access: not-accessible

Status: current

17.3.2 transceiverInventoryInfoType

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.2

Description: Transceiver type

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'gbic': 1, 'soldered-on-mobo': 2, 'sfp': 3, 'xbi-300-pin': 4, 'xenpak': 5, 'xfp': 6, 'xff': 7, 'xfp-e': 8, 'xpak': 9, 'x2': 10, 'dwdm-sfp': 11, 'qsfp': 12, 'qsfp-plus': 13, 'qsfp28': 17, 'qsfp-dd': 24

Access: read-only

Status: current

17.3.3 transceiverInventoryInfoConnector

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.3

Description: Transceiver connector

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'sc': 1, 'style-1-copper': 2, 'style-2-copper': 3, 'bnc-tnc': 4, 'coaxial-headers': 5, 'fiber-jack': 6, 'lc': 7, 'mt-rj': 8, 'mu': 9, 'sg': 10, 'optical-pigtail': 11, 'mpo-parallel-optic': 12, 'hssdc-ii': 32, 'copper-pigtail': 33, 'rj45': 34, 'not-separable-connector': 35

Access: read-only

Status: current

17.3.4 transceiverInventoryInfoEthernetStandards

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.4

Description: Ethernet standards supported by the transceiver

Syntax: ConfdString

Access: read-only

Status: current

17.3.5 transceiverInventoryInfoVendorName

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.5

Description: Transceiver vendor name

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.6 transceiverInventoryInfoVendorSn

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.6

Description: Transceiver serial number

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.7 transceiverInventoryInfoVendorPn

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.7

Description: Transceiver part number

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.8 transceiverInventoryInfoLaserWavelength

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.8

Description: Transceiver laser wavelength

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.9 transceiverInventoryInfoDiagnostics

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.9

Description: Transceiver digital diagnostics type

Syntax: INTEGER

Syntax details: (Enumeration) 'unavailable': 0, 'internally-calibrated': 1, 'externally-calibrated': 2

Access: read-only

Status: current

17.3.10 transceiverInventoryInfoTemperatureThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.10

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.11 transceiverInventoryInfoTemperatureThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.11

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.12 transceiverInventoryInfoTemperatureThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.12

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.13 transceiverInventoryInfoTemperatureThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.13

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.14 transceiverInventoryInfoRxPowerThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.14

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.15 transceiverInventoryInfoRxPowerThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.15

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.16 transceiverInventoryInfoRxPowerThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.16

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.17 transceiverInventoryInfoRxPowerThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.17

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.18 transceiverInventoryInfoTxPowerThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.18

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.19 transceiverInventoryInfoTxPowerThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.19

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.20 transceiverInventoryInfoTxPowerThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.20

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.21 transceiverInventoryInfoTxPowerThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.21

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.22 transceiverInventoryInfoVcc3v3ThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.22

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.23 transceiverInventoryInfoVcc3v3ThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.23

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.24 transceiverInventoryInfoVcc3v3ThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.24

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.25 transceiverInventoryInfoVcc3v3ThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.25

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.26 transceiverInventoryInfoTxBiasThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.26

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.27 transceiverInventoryInfoTxBiasThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.27

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.28 transceiverInventoryInfoTxBiasThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.28

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.29 transceiverInventoryInfoTxBiasThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.29

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.30 transceiverInventoryInfoPhysicalMedia

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.30

Description: Transceiver physical media

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'electrical': 1, 'optical': 2

Access: read-only

Status: current

17.3.31 transceiverInventoryInfoReadOk

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.31

Description: Transceiver information valid

Syntax: TruthValue

Access: read-only

Status: current

17.3.32 transceiverInventoryInfoFiberType

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.32

Description: Transceiver supported fiber type

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'unavailable': 1, 'single-mode': 2, 'multimode': 3

Access: read-only

Status: current

18 DMOS-LBD-NOTIFICATIONS-MIB

MIB file: DMOS-LBD-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosLbdNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.6
 - **Description:** DmOS notifications related to loopback detection events.
 - **Object identities:**
 - dmosLbdNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.6.1)

18.1 dmosLbdAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.6.1.1

Description: Traps generated by loopback detection alarms.

Status: current

18.2 loopbackDetectedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.6.2

Description: Loopback detected alarm trap.

Status: current

19 DMOS-LFD-NOTIFICATIONS-MIB

MIB file: DMOS-LFD-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosLfdNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.7
 - **Description:** DmOS notifications related to link flap detection events.
 - **Object identities:**
 - dmosLfdNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.7.1)

19.1 dmosLfdAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.1.1

Description: Traps generated by link flap detection alarms.

Status: current

19.2 linkFlapDetectedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.2

Description: Link flap detected alarm trap.

Status: current

20 DMOS-MEM-NOTIFICATIONS-MIB

MIB file: DMOS-MEM-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosMemNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.1
 - **Description:** The memory notifications designed to be used by notification manager
 - **Object identities:**
 - dmosMemNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.1.1)
 - dmosMemNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.1.2)

20.1 dmosMemNotificationThreshold

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.1.1

Description: Memory alarm threshold.

Syntax: Gauge32

Access: accessible-for-notify

Status: current

20.2 dmosMemNotificationInterval

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.1.2

Description: Time interval during which the memory value was above/below the threshold.

Syntax: Gauge32

Access: accessible-for-notify

Status: current

20.3 dmosMemAlarmInfoGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.2.1

Description: A set of objects that provides more information about memory alarms.

Status: current

20.4 dmosMemAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.2.2

Description: Traps generated by memory alarms.

Status: current

20.5 memAvailableLowTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.3

Description: Alarm trap for low memory available.

Status: current

21 DMOS-NOTIFICATIONS-MIB

MIB file: DMOS-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3
 - **Description:** This module contains DmOS notifications data for SNMP
 - **Object identities:**
 - notificationObjects (1.3.6.1.4.1.3709.3.6.3.1)
 - notificationGroups (1.3.6.1.4.1.3709.3.6.3.2)
 - dmosNotifications (1.3.6.1.4.1.3709.3.6.3.3)

21.1 notificationTime

OID: 1.3.6.1.4.1.3709.3.6.3.1.1

Description: Date and Time when notification was generated

Syntax: DateAndTime

Access: accessible-for-notify

Status: current

21.2 notificationName

OID: 1.3.6.1.4.1.3709.3.6.3.1.2

Description: Name of notification

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.3 notificationSourceType

OID: 1.3.6.1.4.1.3709.3.6.3.1.3

Description: Type of source

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.4 notificationSourceValue

OID: 1.3.6.1.4.1.3709.3.6.3.1.4

Description: Source identification

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.5 notificationSeverity

OID: 1.3.6.1.4.1.3709.3.6.3.1.5

Description: Notification severity

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.6 notificationInfo

OID: 1.3.6.1.4.1.3709.3.6.3.1.6

Description: Summarized information of the notification

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.7 notificationAlarmState

OID: 1.3.6.1.4.1.3709.3.6.3.1.7

Description: Alarm state

Syntax: INTEGER

Syntax details: (Enumeration) 'clear': 1, 'set': 2, 'unstable': 3

Access: accessible-for-notify

Status: current

21.8 infoNotificationGroup

OID: 1.3.6.1.4.1.3709.3.6.3.2.1

Description: A set of objects that describes an occurrence informed by a notification not related to any alarm

Status: current

21.9 alarmNotificationGroup

OID: 1.3.6.1.4.1.3709.3.6.3.2.2

Description: The notifications that inform an alarm state transition contain all object members of this group in addition to infoNotificationGroup members

Status: current

22 DMOS-ONU-COUNTING-MIB

MIB file: DMOS-ONU-COUNTING-MIB.mib

This MIB file has the following root objects:

- **onuCountingIfMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.18
 - **Description:** The DATACOM MIB module for ONUs counting by ponlink and total.
 - **Object identities:**
 - ponGlobalOnuCount (1.3.6.1.4.1.3709.3.6.18.1)

22.1 ponIfGlobalTotalOnus

OID: 1.3.6.1.4.1.3709.3.6.18.1.1

Description: Number of ONUs on all PON, including all states (provisioned up/down and not provisioned)

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

22.2 ponIfGlobalNonProvisionedOnus

OID: 1.3.6.1.4.1.3709.3.6.18.1.2

Description: Number of non provisioned ONUs on all interfaces

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

22.3 ponIfGlobalUpOnus

OID: 1.3.6.1.4.1.3709.3.6.18.1.3

Description: Number of ONUs provisioned and up on all interfaces

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

22.4 ponIfGlobalDownOnus

OID: 1.3.6.1.4.1.3709.3.6.18.1.4

Description: Number of ONUs provisioned and down on all interfaces

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

22.5 ponIfTable

OID: 1.3.6.1.4.1.3709.3.6.18.2

Description: This table represents the ONU counting per PON interface

Syntax: SEQUENCE OF ponIfEntry (OID: 1.3.6.1.4.1.3709.3.6.18.2.1)

Access: not-accessible

Status: current

22.5.1 ponIfIndex

OID: 1.3.6.1.4.1.3709.3.6.18.2.1.1

Description: Table index

Syntax: Unsigned32

Syntax details: (Range) 1 - 2147483647

Access: read-only

Status: current

22.5.2 ponIfDescr

OID: 1.3.6.1.4.1.3709.3.6.18.2.1.2

Description: Interface description

Syntax: String

Syntax details: (Size) 0 - 255

Access: read-only

Status: current

22.5.3 ponIfTotalOnus

OID: 1.3.6.1.4.1.3709.3.6.18.2.1.3

Description: Number of ONUs on PON link, including all states (provisioned up/down and not provisioned)

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

22.5.4 ponIfNonProvisionedOnus

OID: 1.3.6.1.4.1.3709.3.6.18.2.1.4

Description: Number of non provisioned ONUs on PON link

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

22.5.5 ponIfUpOnus

OID: 1.3.6.1.4.1.3709.3.6.18.2.1.5

Description: Number of ONUs provisioned and up on PON link

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

22.5.6 ponIfDownOnus

OID: 1.3.6.1.4.1.3709.3.6.18.2.1.6

Description: Number of ONUs provisioned and down on PON link

Syntax: Unsigned32

Syntax details: (Range) 0 - 2147483647

Access: read-only

Status: current

23 DMOS-POLICER-MIB

MIB file: DMOS-POLICER-MIB.mib

This MIB file has the following root objects:

- **dmosPolicerMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.12
 - **Description:** The module for managing QoS traffic policing.

23.1 policerInstanceTable

OID: 1.3.6.1.4.1.3709.3.6.12.1

Syntax: SEQUENCE OF policerInstanceEntry (OID: 1.3.6.1.4.1.3709.3.6.12.1.1)

Access: not-accessible

Status: current

23.1.1 policerInstanceInstanceld

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.1

Description: Instance ID

Syntax: UnsignedShort

Access: read-only

Status: current

23.1.2 policerInstanceProfile

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.2

Description: Profile name

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

23.1.3 policerInstanceMode

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.3

Description: Policer mode

Syntax: PolicerMode

Access: read-only

Status: current

23.1.4 policerInstanceStage

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.4

Description: Policer stage

Syntax: PolicerStageExtended

Access: read-only

Status: current

23.1.5 policerInstanceCir

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.5

Description: Committed information rate (kbits/s)

Syntax: Unsigned32

Access: read-only

Status: current

23.1.6 policerInstanceEir

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.6

Description: Excess information rate (kbits/s)

Syntax: Unsigned32

Access: read-only

Status: current

23.1.7 policerInstancePir

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.7

Description: Peak information rate (kbits/s)

Syntax: Unsigned32

Access: read-only

Status: current

23.1.8 policerInstanceForwarded

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.8

Description: Number of forwarded bytes

Syntax: Counter64

Access: read-only

Status: current

23.1.9 policerInstanceDropped

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.9

Description: Number of dropped bytes

Syntax: Counter64

Access: read-only

Status: current

23.2 policerInstanceInterfaceTable

OID: 1.3.6.1.4.1.3709.3.6.12.10

Syntax: SEQUENCE OF policerInstanceInterfaceEntry (OID: 1.3.6.1.4.1.3709.3.6.12.10.1)

Access: not-accessible

Status: current

23.2.1 policerInstanceInterfaceIndex

OID: 1.3.6.1.4.1.3709.3.6.12.10.1.1

Description: Interface index

Syntax: Integer32

Syntax details: (Range) 1 - 2147483647

Access: read-only

Status: current

23.2.2 policerInstanceInterfaceName

OID: 1.3.6.1.4.1.3709.3.6.12.10.1.2

Description: Interface name

Syntax: String

Syntax details: (Size) 0 - 64

Access: read-only

Status: current

24 DMOS-REBOOT-MIB

MIB file: DMOS-REBOOT-MIB.mib

This MIB file has the following root objects:

- **dmosRebootMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.10
 - **Description:** Reboot execution.

24.1 rebootReason

OID: 1.3.6.1.4.1.3709.3.6.10.1

Syntax: String

Access: read-only

Status: current

25 DMOS-SYSMON-MIB

MIB file: DMOS-SYSMON-MIB.mib

This MIB file has the following root objects:

- **dmosSysmonMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.4
 - **Description:** This module contains DmOS CPU and memory usage monitoring objects.
 - **Object identities:**
 - cpu (1.3.6.1.4.1.3709.3.6.4.1)
 - memory (1.3.6.1.4.1.3709.3.6.4.2)

25.1 cpuChassisTable

OID: 1.3.6.1.4.1.3709.3.6.4.1.1

Description: List of chassis for which CPU usage information is available

Syntax: SEQUENCE OF cpuChassisEntry (OID: 1.3.6.1.4.1.3709.3.6.4.1.1.1)

Access: not-accessible

Status: current

25.1.1 cpuChassisId

OID: 1.3.6.1.4.1.3709.3.6.4.1.1.1.1

Description: Chassis identifier

Syntax: Unsigned32

Access: read-only

Status: current

25.2 cpuSlotTable

OID: 1.3.6.1.4.1.3709.3.6.4.1.2

Description: List of slots for which CPU usage information is available

Syntax: SEQUENCE OF cpuSlotEntry (OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1)

Access: not-accessible

Status: current

25.2.1 cpuSlotId

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.1

Description: Slot identifier

Syntax: DisplayString

Access: not-accessible

Status: current

25.2.2 cpuLoadFiveSecondsActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.2

Description: Average active CPU load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.2.3 cpuLoadFiveSecondsIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.3

Description: Average idle CPU load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.2.4 cpuLoadOneMinuteActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.4

Description: Average active CPU load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.2.5 cpuLoadOneMinuteIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.5

Description: Average idle CPU load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.2.6 cpuLoadFiveMinutesActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.6

Description: Average active CPU load of the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.2.7 cpuLoadFiveMinutesIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.7

Description: Average idle CPU load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3 cpuCoreTable

OID: 1.3.6.1.4.1.3709.3.6.4.1.3

Description: Detailed information per CPU core

Syntax: SEQUENCE OF cpuCoreEntry (OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1)

Access: not-accessible

Status: current

25.3.1 cpuCoreCoreId

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.1

Description: CPU core identifier

Syntax: Unsigned8

Access: not-accessible

Status: current

25.3.2 cpuCoreFiveSecondsActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.2

Description: Average active CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.3 cpuCoreFiveSecondsUser

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.3

Description: Average user space CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.4 cpuCoreFiveSecondsSystem

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.4

Description: Average kernel space CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.5 cpuCoreFiveSecondsNice

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.5

Description: Average CPU core load spent on niced processes over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.6 cpuCoreFiveSecondsIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.6

Description: Average idle CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.7 cpuCoreFiveSecondsWait

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.7

Description: Average CPU core load spent waiting for I/O over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.8 cpuCoreFiveSecondsInterrupt

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.8

Description: Average CPU core load spent handling hardware interrupts over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.9 cpuCoreFiveSecondsSoftirq

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.9

Description: Average CPU core load spent handling software interrupts over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.10 cpuCoreOneMinuteActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.10

Description: Average active CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.11 cpuCoreOneMinuteUser

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.11

Description: Average user space CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.12 cpuCoreOneMinuteSystem

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.12

Description: Average kernel space CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.13 cpuCoreOneMinuteNice

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.13

Description: Average CPU core load spent on niced processes over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.14 cpuCoreOneMinuteIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.14

Description: Average idle CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.15 cpuCoreOneMinuteWait

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.15

Description: Average CPU core load spent waiting for I/O over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.16 cpuCoreOneMinuteInterrupt

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.16

Description: Average CPU core load spent handling hardware interrupts over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.17 cpuCoreOneMinuteSoftirq

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.17

Description: Average CPU core load spent handling hardware interrupts over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.18 cpuCoreFiveMinutesActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.18

Description: Average active CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.19 cpuCoreFiveMinutesUser

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.19

Description: Average user space CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.20 cpuCoreFiveMinutesSystem

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.20

Description: Average kernel space CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.21 cpuCoreFiveMinutesNice

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.21

Description: Average CPU core load spent on niced processes over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.22 cpuCoreFiveMinutesIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.22

Description: Average idle CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.23 cpuCoreFiveMinutesWait

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.23

Description: Average CPU core load spent waiting for I/O over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.24 cpuCoreFiveMinutesInterrupt

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.24

Description: Average CPU core load spent handling hardware interrupts over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.3.25 cpuCoreFiveMinutesSoftirq

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.25

Description: Average CPU core load spent handling hardware interrupts over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

25.4 memoryChassisTable

OID: 1.3.6.1.4.1.3709.3.6.4.2.1

Description: List of chassis for which memory usage information is available

Syntax: SEQUENCE OF memoryChassisEntry (OID: 1.3.6.1.4.1.3709.3.6.4.2.1.1)

Access: not-accessible

Status: current

25.4.1 memoryChassisId

OID: 1.3.6.1.4.1.3709.3.6.4.2.1.1.1

Description: Chassis identifier

Syntax: Unsigned32

Access: read-only

Status: current

25.5 memorySlotTable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2

Description: List of slots for which memory usage information is available

Syntax: SEQUENCE OF memorySlotEntry (OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1)

Access: not-accessible

Status: current

25.5.1 memorySlotId

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.1

Description: Slot identifier

Syntax: DisplayString

Access: not-accessible

Status: current

25.5.2 memoryFiveSecondsTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.2

Description: Average amount of total memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.3 memoryFiveSecondsUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.3

Description: Average amount of used memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.4 memoryFiveSecondsFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.4

Description: Average amount of free memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.5 memoryFiveSecondsBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.5

Description: Average amount of buffered memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.6 memoryFiveSecondsCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.6

Description: Average amount of cached memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.7 memoryFiveSecondsAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.7

Description: Average amount of available memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.8 memoryFiveSecondsSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.8

Description: Average amount of reclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.9 memoryFiveSecondsSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.9

Description: Average amount of unreclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.10 memoryFiveMinutesTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.10

Description: Average amount of total memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.11 memoryFiveMinutesUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.11

Description: Average amount of used memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.12 memoryFiveMinutesFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.12

Description: Average amount of free memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.13 memoryFiveMinutesBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.13

Description: Average amount of buffered memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.14 memoryFiveMinutesCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.14

Description: Average amount of cached memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.15 memoryFiveMinutesAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.15

Description: Average amount of available memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.16 memoryFiveMinutesSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.16

Description: Average amount of reclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.17 memoryFiveMinutesSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.17

Description: Average amount of unreclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.18 memoryThirtyMinutesTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.18

Description: Average amount of total memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.19 memoryThirtyMinutesUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.19

Description: Average amount of used memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.20 memoryThirtyMinutesFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.20

Description: Average amount of free memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.21 memoryThirtyMinutesBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.21

Description: Average amount of buffered memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.22 memoryThirtyMinutesCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.22

Description: Average amount of cached memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.23 memoryThirtyMinutesAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.23

Description: Average amount of available memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.24 memoryThirtyMinutesSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.24

Description: Average amount of reclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.25 memoryThirtyMinutesSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.25

Description: Average amount of unreclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.26 memoryOneMinuteTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.26

Description: Average amount of total memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.27 memoryOneMinuteUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.27

Description: Average amount of used memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.28 memoryOneMinuteFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.28

Description: Average amount of free memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.29 memoryOneMinuteBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.29

Description: Average amount of buffered memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.30 memoryOneMinuteCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.30

Description: Average amount of cached memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.31 memoryOneMinuteAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.31

Description: Average amount of available memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.32 memoryOneMinuteSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.32

Description: Average amount of reclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.33 memoryOneMinuteSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.33

Description: Average amount of unreclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

25.5.34 memoryFiveSecondsTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.34

Description: Average amount of total memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.35 memoryFiveSecondsUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.35

Description: Average amount of used memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.36 memoryFiveSecondsFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.36

Description: Average amount of free memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.37 memoryFiveSecondsBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.37

Description: Average amount of buffered memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.38 memoryFiveSecondsCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.38

Description: Average amount of cached memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.39 memoryFiveSecondsAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.39

Description: Average amount of available memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.40 memoryFiveSecondsSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.40

Description: Average amount of reclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.41 memoryFiveSecondsSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.41

Description: Average amount of unreclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

25.5.42 memoryFiveMinutesTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.42

Description: Average amount of total memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.43 memoryFiveMinutesUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.43

Description: Average amount of used memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.44 memoryFiveMinutesFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.44

Description: Average amount of free memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.45 memoryFiveMinutesBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.45

Description: Average amount of buffered memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.46 memoryFiveMinutesCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.46

Description: Average amount of cached memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.47 memoryFiveMinutesAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.47

Description: Average amount of available memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.48 memoryFiveMinutesSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.48

Description: Average amount of reclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.49 memoryFiveMinutesSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.49

Description: Average amount of unreclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.50 memoryThirtyMinutesTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.50

Description: Average amount of total memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.51 memoryThirtyMinutesUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.51

Description: Average amount of used memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.52 memoryThirtyMinutesFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.52

Description: Average amount of free memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.53 memoryThirtyMinutesBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.53

Description: Average amount of buffered memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.54 memoryThirtyMinutesCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.54

Description: Average amount of cached memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.55 memoryThirtyMinutesAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.55

Description: Average amount of available memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.56 memoryThirtyMinutesSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.56

Description: Average amount of reclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.57 memoryThirtyMinutesSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.57

Description: Average amount of unreclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

25.5.58 memoryOneMinuteTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.58

Description: Average amount of total memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25.5.59 memoryOneMinuteUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.59

Description: Average amount of used memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25.5.60 memoryOneMinuteFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.60

Description: Average amount of free memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25.5.61 memoryOneMinuteBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.61

Description: Average amount of buffered memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25.5.62 memoryOneMinuteCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.62

Description: Average amount of cached memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25.5.63 memoryOneMinuteAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.63

Description: Average amount of available memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25.5.64 memoryOneMinuteSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.64

Description: Average amount of reclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25.5.65 memoryOneMinuteSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.65

Description: Average amount of unreclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

26 DMOS-TC-MIB

MIB file: DMOS-TC-MIB.mib

This MIB file has the following root objects:

- **dmosTcMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.5
 - **Description:** This module contains DmOS Textual Conventions

27 DMOS-TRANSCEIVER-MIB

MIB file: DMOS-TRANSCEIVER-MIB.mib

This MIB file has the following root objects:

- **dmosTransceiverMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.8
 - **Description:** This module contains DmOS transceivers status monitoring objects.
 - **Object identities:**
 - transceiver (1.3.6.1.4.1.3709.3.6.8.1)
 - transceiverLane (1.3.6.1.4.1.3709.3.6.8.2)

27.1 transceiverTable

OID: 1.3.6.1.4.1.3709.3.6.8.1.1

Description: List of transceivers for which status information is available

Syntax: SEQUENCE OF transceiverEntry (OID: 1.3.6.1.4.1.3709.3.6.8.1.1.1)

Access: not-accessible

Status: current

27.1.1 temperature

OID: 1.3.6.1.4.1.3709.3.6.8.1.1.1.1

Description: Current transceiver temperature

Syntax: TransceiverTemperature

Access: read-only

Status: current

27.1.2 voltage

OID: 1.3.6.1.4.1.3709.3.6.8.1.1.1.2

Description: Current transceiver voltage

Syntax: TransceiverVoltage

Access: read-only

Status: current

27.1.3 laneCount

OID: 1.3.6.1.4.1.3709.3.6.8.1.1.3

Description: Number of lanes (lasers) in the transceiver

Syntax: Integer32

Access: read-only

Status: current

27.2 transceiverLaneTable

OID: 1.3.6.1.4.1.3709.3.6.8.2.1

Description: List of transceiver lanes for which status information is available

Syntax: SEQUENCE OF transceiverLaneEntry (OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1)

Access: not-accessible

Status: current

27.2.1 laneIndex

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.1

Description: A lane on this transceiver

Syntax: Unsigned32

Syntax details: (Range) 1 - 1000

Access: read-only

Status: current

27.2.2 laneRxPower

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.2

Description: Current transceiver lane RX power

Syntax: TransceiverOpticalPower

Access: read-only

Status: current

27.2.3 laneTxPower

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.3

Description: Current transceiver lane TX power

Syntax: TransceiverOpticalPower

Access: read-only

Status: current

27.2.4 laneTxBias

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.4

Description: Current transceiver lane TX bias current

Syntax: TransceiverCurrent

Access: read-only

Status: current

28 DMOS-USER-DEFINED-COUNTERS

MIB file: DMOS-USER-DEFINED-COUNTERS.mib

This MIB file has the following root objects:

- **dmosUserDefinedCountersMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.9
 - **Description:** This module contains the YANG definitions for user-defined counters.

28.1 countersIngressTable

OID: 1.3.6.1.4.1.3709.3.6.9.1

Description: Ingress counters

Syntax: SEQUENCE OF countersIngressEntry (OID: 1.3.6.1.4.1.3709.3.6.9.1.1)

Access: not-accessible

Status: current

28.1.1 countersIngressId

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.1

Syntax: Unsigned32

Access: read-only

Status: current

28.1.2 countersIngressDescription

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.2

Description: User-friendly counter identification

Syntax: String

Syntax details: (Size) 1 - 128

Access: read-only

Status: current

28.1.3 countersIngressValue

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.3

Syntax: Counter64

Access: read-only

Status: current

28.1.4 countersIngressType

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.4

Description: Type of counter

Syntax: Counter_type

Access: read-only

Status: current

28.2 countersEgressTable

OID: 1.3.6.1.4.1.3709.3.6.9.2

Description: Egress counters

Syntax: SEQUENCE OF countersEgressEntry (OID: 1.3.6.1.4.1.3709.3.6.9.2.1)

Access: not-accessible

Status: current

28.2.1 countersEgressId

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.1

Syntax: Unsigned32

Access: read-only

Status: current

28.2.2 countersEgressDescription

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.2

Description: User-friendly counter identification

Syntax: String

Syntax details: (Size) 1 - 128

Access: read-only

Status: current

28.2.3 countersEgressValue

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.3

Syntax: Counter64

Access: read-only

Status: current

28.2.4 countersEgressType

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.4

Description: Type of counter

Syntax: Counter_type

Access: read-only

Status: current

29 GPON-ONU-IF-MIB

MIB file: GPON-ONU-IF-MIB.mib

This MIB file has the following root objects:

- **gponOnulfMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.2
 - **Description:** This module contains GPON ONU and UNI interfaces operational data for SNMP

29.1 onulfTable

OID: 1.3.6.1.4.1.3709.3.6.2.1

Description: This table represents ONU associated entities (e.g. ONU, Ethernet UNI)

Syntax: SEQUENCE OF onulfEntry (OID: 1.3.6.1.4.1.3709.3.6.2.1.1)

Access: not-accessible

Status: current

29.1.1 onuifIndex

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.2

Description: Table index

Syntax: Integer32

Syntax details: (Range) 1 - 2147483647

Access: not-accessible

Status: current

29.1.2 onuifDescr

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.3

Description: Interface description

Syntax: String

Syntax details: (Size) 0 - 255

Access: read-write

Status: current

29.1.3 onuifType

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.4

Description: Global IANA interface type for this table entry

Syntax: INTEGER

Syntax details: (Enumeration) 'other': 1, 'regular1822': 2, 'hdh1822': 3, 'ddnX25': 4, 'rfc877x25': 5, 'ethernetCsmacd': 6, 'iso88023Csmacd': 7, 'iso88024TokenBus': 8, 'iso88025TokenRing': 9, 'iso88026Man': 10, 'starLan': 11, 'proteon10Mbit': 12, 'proteon80Mbit': 13, 'hyperchannel': 14, 'fddi': 15, 'lapb': 16, 'sdlc': 17, 'ds1': 18, 'e1': 19, 'basicISDN': 20, 'primaryISDN': 21, 'propPointToPointSerial': 22, 'ppp': 23, 'softwareLoopback': 24, 'eon': 25, 'ethernet3Mbit': 26, 'nsip': 27, 'slip': 28, 'ultra': 29, 'ds3': 30, 'sip': 31, 'frameRelay': 32, 'rs232': 33, 'para': 34, 'arcnet': 35, 'arcnetPlus': 36, 'atm': 37, 'mioX25': 38, 'sonet': 39, 'x25ple': 40, 'iso88022llc': 41, 'localTalk': 42, 'smdsDxi': 43, 'frameRelayService': 44, 'v35': 45, 'hssi': 46, 'hippi': 47, 'modem': 48, 'aal5': 49, 'sonetPath': 50, 'sonetVT': 51, 'smdslcip': 52, 'propVirtual': 53, 'propMultiplexor': 54, 'ieee80212': 55, 'fibreChannel': 56, 'hippiInterface': 57, 'frameRelayInterconnect': 58, 'aflane8023': 59, 'aflane8025': 60, 'cctEmul': 61, 'fastEther': 62, 'isdn': 63, 'v11': 64, 'v36': 65, 'g703at64k': 66, 'g703at2mb': 67, 'qllc': 68, 'fastEtherFX': 69, 'channel': 70, 'ieee80211': 71, 'ibm370parChan': 72, 'escon': 73, 'dlsW': 74, 'isdns': 75, 'isdnu': 76, 'lapd': 77, 'ipSwitch': 78, 'rsrb': 79, 'atmLogical': 80, 'ds0': 81, 'ds0Bundle': 82, 'bsc': 83, 'async': 84, 'cnr': 85, 'iso88025Dtr': 86, 'eplrs': 87, 'arap': 88, 'propCnls': 89, 'hostPad': 90, 'termPad': 91, 'frameRelayMPI': 92, 'x213': 93, 'adsl': 94, 'radsl': 95, 'sdsl': 96, 'vdsl': 97, 'iso88025CRFPInt': 98, 'myrinet': 99, 'voiceEM': 100, 'voiceFXO': 101, 'voiceFXS': 102, 'voiceEncap': 103, 'voiceOverIp': 104, 'atmDxi': 105, 'atmFuni': 106, 'atmlma': 107, 'pppMultilinkBundle': 108, 'ipOverCdlc': 109, 'ipOverClaw': 110, 'stackToStack': 111, 'virtualIpAddress': 112, 'mpc': 113, 'ipOverAtm': 114, 'iso88025Fiber': 115, 'tdlc': 116, 'gigabitEthernet': 117, 'hdlc': 118, 'lapf': 119, 'v37': 120, 'x25mlp': 121, 'x25huntGroup': 122, 'transpHdlc': 123, 'interleave': 124, 'fast': 125, 'ip': 126, 'docsCableMaclayer': 127, 'docsCableDownstream': 128, 'docsCableUpstream': 129, 'a12MppSwitch': 130, 'tunnel': 131, 'coffee': 132, 'ces': 133, 'atmSubInterface': 134, 'l2vlan': 135, 'l3ipvlan': 136, 'l3ipxvlan': 137, 'digitalPowerline': 138, 'mediaMailOverIp': 139, 'dtm': 140, 'dcn': 141, 'ipForward': 142, 'msdsl': 143, 'ieee1394': 144, 'if-gsn': 145, 'dvbRccMacLayer': 146, 'dvbRccDownstream': 147, 'dvbRccUpstream': 148, 'atmVirtual': 149, 'mplsTunnel': 150, 'srp': 151, 'voiceOverAtm': 152, 'voiceOverFrameRelay': 153, 'idsl': 154, 'compositeLink': 155, 'ss7SigLink': 156, 'propWirelessP2P': 157, 'frForward': 158, 'rfc1483': 159, 'usb': 160, 'ieee8023adLag': 161, 'bgppolicyaccounting': 162, 'frf16MfrBundle': 163, 'h323Gatekeeper': 164, 'h323Proxy': 165, 'mpls': 166, 'mfSigLink': 167, 'hdlc2': 168, 'shdsl': 169, 'ds1FDL': 170, 'pos': 171, 'dvbAsiIn': 172, 'dvbAsiOut': 173, 'plc': 174, 'nfas': 175, 'tr008': 176, 'gr303RDT': 177, 'gr303IDT': 178, 'isup': 179, 'propDocsWirelessMaclayer': 180, 'propDocsWirelessDownstream': 181, 'propDocsWirelessUpstream': 182, 'hiperlan2': 183, 'propBWAmp2Mp': 184, 'sonetOverheadChannel': 185, 'digitalWrapperOverheadChannel': 186, 'aal2': 187, 'radioMAC': 188, 'atmRadio': 189, 'imt': 190, 'mvl': 191, 'reachDSL': 192, 'frDlciEndPt': 193, 'atmVciEndPt': 194, 'opticalChannel': 195, 'opticalTransport': 196, 'propAtm': 197, 'voiceOverCable': 198, 'infiniband': 199, 'teLink': 200, 'q2931': 201, 'virtualTg': 202, 'sipTg': 203, 'sipSig': 204, 'docsCableUpstreamChannel': 205, 'econet': 206, 'pon155': 207, 'pon622': 208, 'bridge': 209, 'linegroup': 210, 'voiceEMFGD': 211, 'voiceFGDEANA': 212, 'voiceDID': 213, 'mpegTransport': 214, 'sixToFour': 215, 'gtp': 216, 'pdnEtherLoop1': 217, 'pdnEtherLoop2': 218, 'opticalChannelGroup': 219, 'homePna': 220, 'gfp': 221, 'ciscoSLvlan': 222, 'actelisMetaLOOP': 223, 'fcipLink': 224, 'rpr': 225, 'qam': 226, 'lmp': 227, 'cblVectaStar': 228, 'docsCableMCmtsDownstream': 229, 'adsl2': 230, 'macSecControlledIF': 231, 'macSecUncontrolledIF': 232, 'aviciOpticalEther': 233, 'atmbond': 234, 'voiceFGDOS': 235, 'mocaVersion1': 236, 'ieee80216WMAN': 237, 'adsl2plus':

238, 'dvbRcsMacLayer': 239, 'dvbTdm': 240, 'dvbRcsTdma': 241, 'x86Laps': 242, 'wwanPP': 243, 'wwanPP2': 244, 'voiceEBS': 245, 'ifPwType': 246, 'ilan': 247, 'pip': 248, 'aluELP': 249, 'gpon': 250, 'vdsl2': 251, 'capwapDot11Profile': 252, 'capwapDot11Bss': 253, 'capwapWtpVirtualRadio': 254, 'bits': 255, 'docsCableUpstreamRfPort': 256, 'cableDownstreamRfPort': 257, 'vmwareVirtualNic': 258, 'ieee802154': 259, 'otnOdu': 260, 'otnOtu': 261, 'ifVfiType': 262, 'g9981': 263, 'g9982': 264, 'g9983': 265, 'aluEpon': 266, 'aluEponOnu': 267, 'aluEponPhysicalUni': 268, 'aluEponLogicalLink': 269, 'aluGponOnu': 270, 'aluGponPhysicalUni': 271, 'vmwareNicTeam': 272, 'docsOfdmDownstream': 277, 'docsOfdmaUpstream': 278, 'gfast': 279, 'sdci': 280

Access: read-write

Status: current

29.1.4 onuifName

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.5

Description: Interface name

Syntax: String

Syntax details: (Size) 0 - 48

Access: read-write

Status: current

29.1.5 onuifAdminStatus

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.6

Description: Interface administrative state

Syntax: INTEGER

Syntax details: (Enumeration) 'up': 1, 'down': 2, 'testing': 3

Access: read-write

Status: current

29.1.6 onuifOperStatus

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.7

Description: Interface operational state

Syntax: INTEGER

Syntax details: (Enumeration) 'up': 1, 'down': 2, 'testing': 3, 'unknown': 4, 'dormant': 5, 'notPresent': 6, 'lowerLayerDown': 7

Access: read-write

Status: current

29.1.7 onulfStatisticsInOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.8

Description: Ethernet UNI input octets

Syntax: Counter64

Access: read-only

Status: current

29.1.8 onulfStatisticsInUcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.9

Description: Ethernet UNI input unicast packets

Syntax: Counter64

Access: read-only

Status: current

29.1.9 onulfStatisticsInMulticastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.10

Description: Ethernet UNI input multicast packets

Syntax: Counter64

Access: read-only

Status: current

29.1.10 onulfStatisticsInBroadcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.11

Description: Ethernet UNI input broadcast packets

Syntax: Counter64

Access: read-only

Status: current

29.1.11 onulfStatisticsInDiscards

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.12

Description: Ethernet UNI input discarded packets

Syntax: Counter64

Access: read-only

Status: current

29.1.12 onulfStatisticsInErrors

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.13

Description: Ethernet UNI input packets with errors

Syntax: Counter64

Access: read-only

Status: current

29.1.13 onulfStatisticsInUnknownProtos

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.14

Description: Ethernet UNI input packets with unknown protocol

Syntax: Counter64

Access: read-only

Status: current

29.1.14 onulfStatisticsOutOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.15

Description: Ethernet UNI output octets

Syntax: Counter64

Access: read-only

Status: current

29.1.15 onulfStatisticsOutUcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.16

Description: Ethernet UNI output unicast packets

Syntax: Counter64

Access: read-only

Status: current

29.1.16 onulfStatisticsOutMulticastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.17

Description: Ethernet UNI output multicast packets

Syntax: Counter64

Access: read-only

Status: current

29.1.17 onulfStatisticsOutBroadcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.18

Description: Ethernet UNI output broadcast packets

Syntax: Counter64

Access: read-only

Status: current

29.1.18 onulfStatisticsOutDiscards

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.19

Description: Ethernet UNI output discarded packets

Syntax: Counter64

Access: read-only

Status: current

29.1.19 onulfStatisticsOutErrors

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.20

Description: Ethernet UNI output packets with errors

Syntax: Counter64

Access: read-only

Status: current

29.1.20 onulfOnuPowerTx

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.21

Description: ONU Tx optical power

Syntax: String

Access: read-write

Status: current

29.1.21 onulfOnuPowerRx

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.22

Description: ONU Rx optical power

Syntax: String

Access: read-write

Status: current

29.1.22 onulfAlias

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.23

Description: Interface textual description

Syntax: String

Syntax details: (Size) 0 - 64

Access: read-only

Status: current

29.1.23 onulfStatisticsInBwUsage

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.24

Description: Ethernet UNI input bandwidth usage in bps

Syntax: Counter64

Access: read-only

Status: current

29.1.24 onulfStatisticsOutBwUsage

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.25

Description: Ethernet UNI output bandwidth usage in bps

Syntax: Counter64

Access: read-only

Status: current

29.1.25 onuSysUpTime

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.26

Description: ONU system uptime

Syntax: TimeTicks

Access: read-only

Status: current

29.1.26 onuGemInOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.27

Description: GEM input octets

Syntax: Counter64

Access: read-only

Status: current

29.1.27 onuGemInPackets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.28

Description: GEM input packets

Syntax: Counter64

Access: read-only

Status: current

29.1.28 onuGemOutOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.29

Description: GEM output octets

Syntax: Counter64

Access: read-only

Status: current

29.1.29 onuGemOutPackets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.30

Description: GEM output packets

Syntax: Counter64

Access: read-only

Status: current

30 TWAMP-MIB

MIB file: TWAMP-MIB.mib

This MIB file has the following root objects:

- **twampMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.7
 - **Description:** The MIB for Datacom TWAMP sessions and statistics

30.1 twampSessionTable

OID: 1.3.6.1.4.1.3709.3.6.7.1

Description: A table that contains all information about all TWAMP Sessions, indexed by the Session ID.

Syntax: SEQUENCE OF twampSessionEntry (OID: 1.3.6.1.4.1.3709.3.6.7.1.1)

Access: not-accessible

Status: current

30.1.1 twampSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.1.2 twampSessionDuration

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.2

Description: The duration of a TWAMP session

Syntax: Unsigned32

Syntax details: (Range) 0 - 4294967295

Access: read-only

Status: current

30.1.3 twampSessionInterval

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.3

Description: The TWAMP session timeout

Syntax: Unsigned32

Syntax details: (Range) 0 - 4294967295

Access: read-only

Status: current

30.1.4 twampSessionState

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.4

Description: Identifies whether the session is active or inactive

Syntax: INTEGER

Syntax details: (Enumeration) 'inactive': 0, 'active': 1

Access: read-only

Status: current

30.1.5 twampSessionSrcAddr

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.5

Description: Represents local IP

Syntax: InetAddress

Access: read-only

Status: current

30.1.6 twampSessionDstAddr

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.6

Description: Represents the remote IP

Syntax: InetAddress

Access: read-only

Status: current

30.1.7 twampSessionDstPort

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.7

Description: Represents the destination port on the reflector side

Syntax: InetPortNumber

Access: read-only

Status: current

30.1.8 twampSessionPktSize

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.8

Description: Represents the size of the packet

Syntax: Unsigned32

Syntax details: (Range) 0 - 65535

Access: read-only

Status: current

30.1.9 twampSessionDSCP

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.9

Description: Represents the DSCP value used by TWAMP packets, ranging from 0 to 63.

Syntax: Unsigned32

Syntax details: (Range) 0 - 63

Access: read-only

Status: current

30.1.10 twampSessionTotalTests

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.10

Description: Represents the total of tests within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.1.11 twampSessionTotalTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.11

Description: Represents the total of transmitted packets

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.1.12 twampSessionTotalRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.12

Description: Represents the total of received packets

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.1.13 twampSessionDescription

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.13

Description: Description of session

Syntax: DisplayString

Syntax details: (Size) 0 - 128

Access: read-only

Status: current

30.2 twampTestTable

OID: 1.3.6.1.4.1.3709.3.6.7.2

Description: A table that contains the two-way test results of each TWAMP session, indexed by the Session ID and Test index, respectively.

Syntax: SEQUENCE OF twampTestEntry (OID: 1.3.6.1.4.1.3709.3.6.7.2.1)

Access: not-accessible

Status: current

30.2.1 twampTestSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.2.2 twampTestIndex

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.2

Description: The table index of a TWAMP test within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.2.3 twampTestId

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.3

Description: The TWAMP test identifier within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.2.4 twampTestDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.4

Description: The minimum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.5 twampTestDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.5

Description: The maximum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.6 twampTestDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.6

Description: The average delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.7 twampTestJitterMin

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.7

Description: The minimum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.8 twampTestJitterMax

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.8

Description: The maximum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.9 twampTestJitterAvg

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.9

Description: The average Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.10 twampTestTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.10

Description: The number of packets sent during the test

Syntax: Unsigned32

Access: read-only

Status: current

30.2.11 twampTestRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.11

Description: The number of packets received during the test

Syntax: Unsigned32

Access: read-only

Status: current

30.2.12 twampTestLossRatio

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.12

Description: The percentage of packets lost during the test

Syntax: TwampTestLossRatio

Access: read-only

Status: current

30.2.13 twampTestConnectivity

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.13

Description: Identifies whether the test has connectivity with the reflector

Syntax: INTEGER

Syntax details: (Enumeration) 'no': 0, 'yes': 1

Access: read-only

Status: current

30.2.14 twampTestRoundTripDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.14

Description: The minimum round-trip delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.15 twampTestRoundTripDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.15

Description: The maximum round-trip delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.16 twampTestRoundTripDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.16

Description: The average round-trip delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.2.17 twampTestState

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.17

Description: Identifies the state of test

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'running': 1, 'last-run-fail': 2, 'last-run-success': 3

Access: read-only

Status: current

30.2.18 twampTestDescription

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.18

Description: Description of test session

Syntax: DisplayString

Syntax details: (Size) 0 - 128

Access: read-only

Status: current

30.3 twampFarEndTestTable

OID: 1.3.6.1.4.1.3709.3.6.7.3

Description: A table that contains the far-end test results of each TWAMP session, indexed by the Session ID and Test index, respectively.

Syntax: SEQUENCE OF twampFarEndTestEntry (OID: 1.3.6.1.4.1.3709.3.6.7.3.1)

Access: not-accessible

Status: current

30.3.1 twampFarEndTestSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.3.2 twampFarEndTestIndex

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.2

Description: The table index of a TWAMP test within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.3.3 twampFarEndTestId

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.3

Description: The TWAMP test identifier within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.3.4 twampFarEndTestDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.4

Description: The minimum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.3.5 twampFarEndTestDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.5

Description: The maximum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.3.6 twampFarEndTestDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.6

Description: The average delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.3.7 twampFarEndTestJitterMin

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.7

Description: The minimum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.3.8 twampFarEndTestJitterMax

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.8

Description: The maximum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.3.9 twampFarEndTestJitterAvg

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.9

Description: The average Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.3.10 twampFarEndTestTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.10

Description: The number of packets sent during the test

Syntax: Unsigned32

Access: read-only

Status: current

30.3.11 twampFarEndTestRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.11

Description: The number of packets received during the test

Syntax: Unsigned32

Access: read-only

Status: current

30.3.12 twampFarEndTestLossRatio

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.12

Description: The percentage of packets lost during the test

Syntax: TwampTestLossRatio

Access: read-only

Status: current

30.3.13 twampFarEndTestConnectivity

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.13

Description: Identifies whether the test has connectivity with the reflector

Syntax: INTEGER

Syntax details: (Enumeration) 'no': 0, 'yes': 1

Access: read-only

Status: current

30.4 twampNearEndTestTable

OID: 1.3.6.1.4.1.3709.3.6.7.4

Description: A table that contains the near-end test results of each TWAMP session, indexed by the Session ID and Test index, respectively.

Syntax: SEQUENCE OF twampNearEndTestEntry (OID: 1.3.6.1.4.1.3709.3.6.7.4.1)

Access: not-accessible

Status: current

30.4.1 twampNearEndTestSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.4.2 twampNearEndTestIndex

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.2

Description: The table index of a TWAMP test within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.4.3 twampNearEndTestId

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.3

Description: The TWAMP test identifier within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

30.4.4 twampNearEndTestDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.4

Description: The minimum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.4.5 twampNearEndTestDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.5

Description: The maximum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.4.6 twampNearEndTestDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.6

Description: The average delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.4.7 twampNearEndTestJitterMin

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.7

Description: The minimum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.4.8 twampNearEndTestJitterMax

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.8

Description: The maximum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.4.9 twampNearEndTestJitterAvg

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.9

Description: The average Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

30.4.10 twampNearEndTestTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.10

Description: The number of packets sent during the test

Syntax: Unsigned32

Access: read-only

Status: current

30.4.11 twampNearEndTestRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.11

Description: The number of packets received during the test

Syntax: Unsigned32

Access: read-only

Status: current

30.4.12 twampNearEndTestLossRatio

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.12

Description: The percentage of packets lost during the test

Syntax: TwampTestLossRatio

Access: read-only

Status: current

30.4.13 twampNearEndTestConnectivity

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.13

Description: Identifies whether the test has connectivity with the reflector

Syntax: INTEGER

Syntax details: (Enumeration) 'no': 0, 'yes': 1

Access: read-only

Status: current

Legal Note

In spite the fact that all the precautions were taken in development of the present document, DATACOM shall not be held responsible for eventual errors or omissions as well as no obligation is assumed due to damages resulting from the use of the information included in this guide. The specifications provided in this manual shall be subject to changes with no prior notification and are not acknowledged as any type of contract.

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To obtain additional information, see our warranty policy in <https://www.datacom.com.br/en>.

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